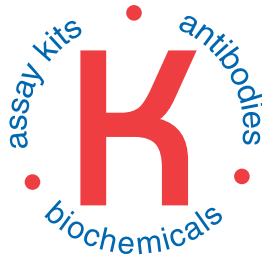


# Life Science **Biochemical** Product Catalog

**Winter 2015**



*Focusing on High-Quality Innovative Biologicals Since 1983*

***Enzyme Inhibitors***

***Enzyme Substrates***

***Purified Biological Proteins***

***Angiogenesis***

***Apoptosis***

***Bone and Developmental Biology***

***Cancer***

***Caspase Inhibitors***

***Cytokines***

***DNA / Oxidative Damage and Repair***

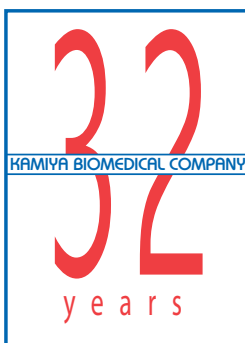
***Inflammation***

***Multi-Drug Resistance (MDR)***

***Obesity / Diabetes***

***Other Disease Markers***

***Stem Cell Research***



**KAMIYA BIOMEDICAL COMPANY**

# Biochemicals

PRODUCT	DESCRIPTION	CAT. No.	SIZE	PRICE*
Ac-DEVD-AFC	Fluorogenic caspase-1, 3, 4, 7, 8, 10 substrate	AC-003	10 mg	\$326
Ac-DEVD-CHO	Reversible caspase-3, 6, 7, 8, 10 inhibitor	AB-025	5 mg	\$259
Ac-DEVD-pNA	Chromogenic caspase-3, 6, 7, 8, 10 substrate	AC-024	25 mg	\$359
Ac-IEPD-AFC	Fluorogenic granzyme B substrate	AC-063	10 mg	\$675
Ac-IEPD-pNA	Chromogenic granzyme B substrate	AC-030	25 mg	\$462
Ac-IETD-AFC	Fluorogenic caspase-6, 8 substrate	AC-004	5 mg	\$242
Ac-IETD-CHO	Reversible caspase-8/granzyme B inhibitor	AB-026	5 mg	\$259
Ac-IETD-pNA	Chromogenic caspase-8/granzyme B substrate	AC-025	25 mg	\$392
Ac-LEHD-AFC	Fluorogenic caspase-4, 5, 9 substrate	AC-010	5 mg	\$264
Ac-LEHD-pNA	Chromogenic caspase-4, 5, 9 substrate	AC-028	25 mg	\$431
Ac-VAD-AFC	Fluorogenic caspase-1, 4 substrate	AC-021	5 mg	\$317
Ac-VAD-CHO	Reversible caspase-1, 3, 4, 7 inhibitor	AB-057	5 mg	\$415
Ac-VAD-pNA	Chromogenic Caspase-1, 3, 4, 7 substrate	AC-064	25 mg	\$525
Ac-VDVAD-AFC	Fluorogenic caspase-2, 3, 7 substrate	AC-008	5 mg	\$294
Ac-VDVAD-pNA	Chromogenic caspase-2, 3 substrate	AC-027	25 mg	\$442
Ac-VEID-AFC	Fluorogenic caspase-1, 3, 6 substrate	AC-007	10 mg	\$363
Ac-VEID-CHO	Reversible caspase-3, 6 inhibitor	AB-027	5 mg	\$259
Ac-VEID-pNA	Chromogenic caspase-3, 6 substrate	AC-026	25 mg	\$392
Ac-WEHD-pNA	Chromogenic caspase-1, 4, 5 substrate	AC-029	25 mg	\$650
Ac-YVAD-AFC	Fluorogenic caspase-1, 4 substrate	AC-001	10 mg	\$337
Ac-YVAD-CHO	Reversible caspase-1, 4 inhibitor	AB-024	5 mg	\$259
ACRP30, mouse recombinant	Adipocyte Complement Related Protein, 30 kDa	BC-128	50 µg	\$383
ACRP30 headless, human	Negative control for BC-128	BC-114	10 µg	\$331
Adiponectin, human recombinant	Recombinant	BC-153	25 µg	\$300
Adiponectin, mouse recombinant	Recombinant	BC-154	25 µg	\$300
Adiponectin, rat recombinant	Recombinant	BC-155	25 µg	\$300
AITRL, human recombinant (Osteostat)	Activation-induced TNFR member Ligand	BP-025	20 µg	\$290
Apoptosis Activator 2	Induces apoptosis by promoting oligomerization of Apaf-1	BC-316	25 mg	\$238
Aristoforin	Induces apoptosis, stable derivative of hyperforin	BC-313	1 mg	\$291
Bafilomycin A1	Vacuolar-type H <sup>+</sup> -ATPase inhibitor	MT-804	1 mg	\$1,190
BAFF, human recombinant, soluble	Binds to human BCMA, TACI, BAFF-R	BC-321	10 µg	\$427
BAFF, mouse recombinant, soluble	Binds to mouse BCMA, TACI, BAFF-R	BC-322	10 µg	\$415
BAFF-R, human recombinant	Inhibits soluble BAFF-mediated splenocyte survival	BC-323	50 µg	\$400
BAFF-R, mouse recombinant	Inhibits soluble BAFF-mediated splenocyte survival	BC-324	50 µg	\$400
BES-H <sub>2</sub> O <sub>2</sub>	Cell permeable H <sub>2</sub> O <sub>2</sub> probe	BC-327	1 mg	\$495
Biotin-A-A-Phep(Oph) <sub>2</sub> (DAP Inhibitor)	Cell-perm. Peptidyl Aminoalkanephosphonate Inhibitor	AB-045	5 mg	\$725
Biotin-DEVD-FMK	Irreversible caspase-1, 3, 4, 7, 8, 10 inhibitor	AD-003	1 mg	\$387
Biotin-FA-FMK	Irreversible cathepsin B inhibitor	AD-012	5 mg	\$400
Biotin-VAD-FMK	Irreversible pan-caspase inhibitor	AB-014	1 mg	\$325
ProBMP-2, human recombinant	Human Bone Morphogenetic Protein-2	BP-023	20 µg	\$290
BMP-7, recombinant	Human Bone Morphogenetic Protein-7	BP-016	10 µg	\$290
BMP-7 CHO, human recombinant	Human Bone Morphogenetic Protein-7	BP-022	10 µg	\$290
BMP Receptor Type 1A	Human Recombinant	BP-026	10 µg	\$290
BMPR-1A, recombinant	Soluble, Human Recombinant	BC-236	100 µg	\$628
Boc-Asp(Obzl)-Lys(z)-OtBu	Reversin 121, MDR1 (P-glycoprotein) inhibitor	BC-052	5 mg	\$300
Boc-D-FMK	Irreversible broad spectrum caspase inhibitor	AB-015	5 mg	\$603
C75	Fatty acid synthase inhibitor in mice	BC-113	5 mg	\$342
Caspase-1 Enzyme, human	Recombinant, active	BC-116	25 U	\$340
Caspase-1 Enzyme, human	Recombinant, active	BC-117	100 U	\$474
Caspase-2 Enzyme, human	Recombinant, active	BC-118	25 U	\$317
Caspase-2 Enzyme, human	Recombinant, active	BC-119	100 U	\$458
Caspase-4 Enzyme, human	Recombinant, active	BC-120	25 U	\$251
Caspase-4 Enzyme, human	Recombinant, active	BC-121	100 U	\$342
Caspase-5 Enzyme, human	Recombinant, active	BC-122	25 U	\$281
Caspase-5 Enzyme, human	Recombinant, active	BC-123	100 U	\$384
Caspase-7 Enzyme	Recombinant, purified from <i>E. coli</i>	EN-005	5 µg	\$277
Caspase-9 Enzyme, human	Recombinant, active	BC-124	25 U	\$345
Caspase-9 Enzyme, human	Recombinant, active	BC-125	100 U	\$410
CD40L, human, soluble	Recombinant, purified from <i>E. coli</i>	BC-027	50 µg	\$605
Chetomin	HIF-1α inhibitor	BC-255	1 mg	\$416

# Biochemicals

PRODUCT	DESCRIPTION	CAT. No.	SIZE	PRICE*
<b>CrmA (Cytokine response modifier A)</b>	Natural caspase-1 and granzyme B inhibitor	CR-001	100 µg	\$310
<b>DAF-2 DA</b>	Cell perm. reagent for fluorescent detection of NO	BC-034	1 mg	\$460
<b>DAR-4M AM</b>	Cell perm. reagent for fluorescent detection of NO	BC-039	1 mg	\$627
<b>DICA</b>	Caspase-3 and Caspase-7 inhibitor, binds to allosteric site	BC-314	25 mg	\$268
<b>EB-47.2HCl.2H<sub>2</sub>O</b>	PARP-1 inhibitor	BC-257	5 mg	\$291
<b>EDG-1 Blocking Peptide</b>	Endothelial Cell Differentiation Gene-1	BC-008	50 µg	\$190
<b>EDG-1 Control</b>	Control	BC-009	100 µL	\$190
<b>EDG-2 Blocking Peptide</b>	Endothelial Cell Differentiation Gene-2	BC-010	50 µg	\$190
<b>EDG-2 Control</b>	Control	BC-011	100 µL	\$190
<b>EDG-4 Control</b>	Control	BC-012	100 µL	\$190
<b>EDG-6 Blocking Peptide</b>	Endothelial Cell Differentiation Gene-6	BC-013	50 µg	\$190
<b>EDG-6 Control</b>	Control	BC-014	100 µL	\$190
<b>EDG-7 Blocking Peptide</b>	Endothelial Cell Differentiation Gene-7	BC-015	50 µg	\$190
<b>EDG-7 Control</b>	Control	BC-016	100 µL	\$190
<b>EDG-8 Blocking Peptide</b>	Endothelial Cell Differentiation Gene-8	BC-017	50 µg	\$190
<b>Elcatonin</b>	Synthetic human Elcatonin polypeptide	BP-027	1 mg	\$290
<b>Epitope / Affinity Tag Positive Control</b>	12 tag recombinant marker	BC-144	0.2 mL	\$195
<b>Eptifibatide</b>	Synthetic human Eptifibatide polypeptide	BP-028	25 mg	\$290
<b>ETB</b>	HSP60 Inhibitor	BC-331	200 µg	\$515
<b>Fas Ligand Inhibitor</b>	Inhibits apoptosis-inducing activity of Fas ligand	AF-016	50 µg	\$398
<b>Fas Ligand, soluble (human)</b>	Induces apoptosis (cross-linker antibody required)	FL-101	10 µg	\$307
<b>Fas Ligand, soluble Enhancer</b>	Enhancing cross-linking antibody for FL-101	FL-104	50 µg	\$363
<b>Fas Ligand, soluble (human)</b>	Induces apoptosis (no cross-linker required)	FL-103	5 µg	\$337
<b>Flt3 Ligand, human recombinant</b>	Recombinant	BC-259	10 µg	\$290
<b>Flt3 Ligand, mouse recombinant</b>	Recombinant	BC-260	10 µg	\$290
<b>Fn-14(human):Fc</b>	Inhibits TWEAK-mediated killing of Kym-1 cells	BC-319	50 µg	\$432
<b>Fn-14(mouse):Fc</b>	Inhibits TWEAK-mediated killing of Kym-1 cells	BC-315	50 µg	\$360
<b>Fn-14(mouse):Fc-FITC</b>	Inhibits TWEAK-mediated killing of Kym-1 cells	BC-317	50 µg	\$433
<b>Fostriecin</b>	Serine / threonine PP type 2A inhibitor	AP-006	10 µg	\$226
<b>GDF-5, human recombinant</b>	Growth differentiation factor-5 (H-CDMP-1)	BP-024	50 µg	\$290
<b>Ghrelin (human)</b>	Regulation of appetite peptide	BC-345	0.1 mg	\$733
<b>Ghrelin (rat)</b>	Regulation of appetite peptide	BC-346	0.1 mg	\$733
<b>Ghrelin, Des-Acyl (human)</b>	May regulate insulin and glucose levels	BC-347	0.1 mg	\$626
<b>Ghrelin, Des-Acyl (rat)</b>	May regulate insulin and glucose levels	BC-348	0.1 mg	\$626
<b>Glutaredoxin 1</b>	Catalyzes GSH-disulfide oxidoreductase	BC-340	0.1 mg	\$266
<b>Glutathione Peroxidase 4</b>	Can reduce many hydroperoxides	BC-341	0.5 mg	\$334
<b>Go 6976</b>	Very potent protein kinase C inhibitor	BC-325	0.5 mg	\$305
<b>Granzyme A Enzyme</b>	Recombinant, active	BC-126	10 µg	\$469
<b>Granzyme B Enzyme, natural human</b>	Purified from human cytotoxic granules	EN-007	10 µg	\$604
<b>Granzyme K Enzyme</b>	Recombinant, active	BC-127	10 µg	\$469
<b>Growth Hormone, ovine recombinant</b>	Ovine recombinant growth hormone	BC-261	100 µg	\$480
<b>Growth Hormone, rat recombinant</b>	Rat recombinant growth hormone	BC-262	100 µg	\$370
<b>HeLa Nuclear Extract</b>	Contains various DNA-binding proteins	BC-152	1 mg	\$345
<b>Herbimycin A</b>	Tyrosine kinase inhibitor	KT-375	1 mg	\$430
<b>Histone Protein</b>	>99% pure	BC-151	10 µg	\$227
<b>IL-1<math>\alpha</math>, human recombinant</b>	Human recombinant interleukin-1 alpha	BC-270	10 µg	\$290
<b>IL-1<math>\beta</math>, human recombinant</b>	Human recombinant interleukin-1 beta	BC-271	10 µg	\$290
<b>IL-1<math>\beta</math>, mouse recombinant</b>	Mouse recombinant interleukin-1 beta	BC-272	10 µg	\$290
<b>IL-2, human recombinant</b>	Human recombinant interleukin-2	BC-274	50 µg	\$290
<b>IL-3, human recombinant</b>	Human recombinant interleukin-3	BC-275	10 µg	\$290
<b>IL-4, human recombinant</b>	Human recombinant interleukin-4	BC-276	20 µg	\$290
<b>IL-4, mouse recombinant</b>	Mouse recombinant interleukin-4	BC-277	20 µg	\$290
<b>IL-5, human recombinant</b>	Human recombinant interleukin-5	BC-278	10 µg	\$290
<b>IL-6, human recombinant</b>	Human recombinant interleukin-6	BC-279	20 µg	\$290
<b>IL-6, mouse recombinant</b>	Mouse recombinant interleukin-6	BC-280	10 µg	\$290
<b>IL-7, human recombinant</b>	Human recombinant interleukin-7	BC-281	10 µg	\$290
<b>IL-9, human recombinant</b>	Human recombinant interleukin-9	BC-282	10 µg	\$290
<b>IL-11, human recombinant</b>	Human recombinant interleukin-11	BC-284	10 µg	\$290
<b>IL-15, human recombinant</b>	Human recombinant interleukin-15	BC-285	10 µg	\$290
<b>IL-15, mouse recombinant</b>	Mouse recombinant interleukin-15	BC-286	10 µg	\$290

PRODUCT	DESCRIPTION	CAT. No.	SIZE	PRICE*
IL-15, rat recombinant	Rat recombinant interleukin-15	BC-287	10 µg	\$290
IL-20, human recombinant	Human recombinant interleukin-20	BC-290	10 µg	\$290
IL-22, human recombinant	Human recombinant interleukin-22	BC-291	10 µg	\$290
Insulin	Human recombinant	BC-304	250 mg	\$420
Insulin-like Growth Factor-I	Human recombinant insulin-like growth factor-I	BC-263	100 µg	\$290
Insulin-like Growth Factor-I	Mouse recombinant insulin-like growth factor-I	BC-264	50 µg	\$290
Insulin-like Growth Factor-I	Rat recombinant insulin-like growth factor-I	BC-265	50 µg	\$290
Insulin-like Growth Factor-II	Human recombinant insulin-like growth factor-II	BC-266	50 µg	\$290
Insulin-like Growth Factor BP-3	Human recombinant ILGF Binding Protein-3	BC-269	25 µg	\$290
JC-1, Iodide	Mitochondrial dye that stains living cells	BC-031	5 mg	\$306
Lactacystin	26S proteasome inhibitor	LC-519	1 mg	\$430
Leptin, human recombinant	Product of the human ob gene	BC-251	1 mg	\$244
Lipid Peroxide Fluorescent Detection Reagent	Liperflu, a Spy-LHP analog, is used for LPO detection.	BC-349	5 x 50 µg	\$400
MeOSuc-A-A-Phep-(Oph) <sub>2</sub> (DAP Inhibitor)	Cell-perm. Peptidyl Aminoalkanephosphonate Inhibitor	AB-046	5 mg	\$735
MeOSuc-A-A-Pro-Phep-(Oph) <sub>2</sub> (DAP Inhibitor)	Cell-perm. Peptidyl Aminoalkanephosphonate Inhibitor	AB-047	5 mg	\$735
MIA, human recombinant	Autocrine factor promotes metastasis	BC-307	20 µg	\$315
MIP-1α, human recombinant	Macrophage inflammatory protein-1α (CCL3)	BC-298	20 µg	\$290
MIP-1α, mouse recombinant	Macrophage inflammatory protein-1α (CCL3)	BC-299	10 µg	\$290
MIP-1β, human recombinant	Macrophage inflammatory protein-1β (CCL4)	BC-300	10 µg	\$290
MIP-3β, human recombinant	Macrophage inflammatory protein-3β (CCL19)	BC-302	20 µg	\$290
MIP-4, human recombinant	Macrophage inflammatory protein-4 (CCL18)	BC-303	10 µg	\$290
MMP-7, human recombinant	Matrilysin	BC-338	100 µg	\$390
Pro-MMP-7, human recombinant	Promatrilysin	BC-339	100 µg	\$390
MMP Inhibitor-1	Metalloprotease Inhibitor 1	AB-052	5 mg	\$515
MMP Substrate-1	DNP-Pro-Leu-Gly-Met-Trp-Ser-Arg-OH	AC-051	5 mg	\$435
MMP Substrate-2	MCA-Arg-Pro-Lys-Pro-Val-Glu-Nval-Trp-Arg-Lys(DNP)-NH <sub>2</sub>	AC-052	3 mg	\$615
MMP Substrate-3	MCA-Pro-Cha-Gly-Nva-His-Ala-DNP-NH <sub>2</sub> -TFA	AC-053	3 mg	\$615
MMP Substrate-4	MCA-Pro-Cha-Gly-Nva-His-Ala-DNP-NH <sub>2</sub> -TFA	AC-054	3 mg	\$615
MMP Substrate-5	MCA-Arg-Pro-Lys-Pro-Tyr-Ala-Nval-Trp-Met-Lus(DNP)-NH <sub>2</sub>	AC-055	3 mg	\$615
MMP Substrate-6	MCA-Pro-Leu-Gly-Leu-DPA-Ala-Arg-NH <sub>2</sub> -TFA	AC-056	3 mg	\$605
Mu-F-hF-FMK	Irreversible calpain I, II / Cathepsin L inhibitor	AB-051	5 mg	\$425
B-type Natriuretic Peptide, human recombinant	Human recombinant BNP	BC-258	10 µg	\$290
Okadaic Acid (Free Acid)	Potent protein phosphatase 1 and 2A inhibitor	MT-100	100 µg	\$226
Omentin 1, human recombinant	Enhances insulin-mediated glucose transport in adipocytes.	BC-329	10 µg	\$412
Osteocalcin, affinity purified (human)	From acid demineralized bone extracts	BP-011	20 µg	\$840
Osteocalcin, bovine	From demineralized bone by ion exchange chrom.	BP-010	100 µg	\$306
Osteonectin, bovine	From demineralized bone	BP-012	50 µg	\$346
Osteonectin, human	From thrombin-activated platelets	BP-013	50 µg	\$492
Osteoprotegerin (rhOPG:Fc)	TRAIL-mediated apoptosis inhibitor	BP-002	50 µg	\$408
PARP-1, human recombinant	Human poly(ADP-ribose) polymerase 1	BC-032	20 µg	\$458
PARP-2, mouse recombinant	Human poly(ADP-ribose) polymerase 2	BC-033	20 µg	\$512
PARP-3, human recombinant	Human poly(ADP-ribose) polymerase 3	BC-320	20 µg	\$512
Peroxiredoxin 1 (human)	Has thioredoxin-dependent activity.	BC-342	0.25 mg	\$352
Peroxiredoxin 2 (human)	Has thioredoxin-dependent activity.	BC-343	0.2 mg	\$352
Peroxiredoxin 3 (human)	Has thioredoxin-dependent activity.	BC-344	0.25 mg	\$352
PGP-4008	Selective P-glycoprotein inhibitor	BC-090	2 mg	\$223
Perforin, natural human	Purified from human cytotoxic granules, w/dilution buffer	EN-008	1 µg	\$566
PQ401	Potent inhibitor of IGF-1 receptor	BC-328	5 mg	\$227
PTIO-Carboxy	Water soluble and stable nitric oxide scavenger	BC-318	50 mg	\$263
Q-VD-OPH	In vivo cell permeable, non-toxic caspase inhibitor	AB-028	5 mg	\$615
RANK:Fc	Inhibits sRANKL-induced survival	BP-018	50 µg	\$360
Reveromycin, sodium salt	Protein Synthesis Inhibitor	BC-332	500 µg	\$444
RKTS-33	Apoptosis Inhibitor	BC-333	200 µg	\$522
Alpha-Secretase Substrate-2	MCA-Pro-Leu-Ala-Gln-Val-Dap(DNP)-Arg-Ser-Ser-Arg-NH <sub>2</sub>	AC-058	1 mg	\$360
Beta-Secretase Inhibitor	KTEEISEVN(Statine)VAEF	AB-053	3 mg	\$855
Beta-Secretase Substrate-1	RE-(EDANS)-EVNLD-AEFK-(DABCYL)-R-OH	AC-059	1 mg	\$360
Beta-Secretase Substrate-2	MCA-SEVNLDAEFRFR(DNP)RR-NH <sub>2</sub>	AC-060	1 mg	\$360
Gamma-Secretase Inhibitor	Difluoro ketone inhibitor	AB-054	3 mg	\$925
Gamma-Secretase Substrate-2	Arg-Arg-Lys(MCA)-Gly-Val-Val-Ile-Ala-thr-Val-Ile-Ile-Glu-Lys-(DNP)-Arg-Arg-NH <sub>2</sub>	AC-062	1 mg	\$360
SH-5	Inhibitor of Akt (PKB) activation	AB-055	1 mg	\$329

# Biochemicals

PRODUCT	DESCRIPTION	CAT. No.	SIZE	PRICE*
SH-6	Inhibitor of Akt (PKB) activation	AB-056	1 mg	\$329
Sophoricoside	Interleukin-5 inhibitor	BC-088	10 mg	\$210
Staurosporine	Potent broad spectrum protein kinase inhibitor	AP-002	1 mg	\$350
Stem Cell Factor, human recombinant	Hematopoietic growth factor	BC-292	10 µg	\$290
Stem Cell Factor, murine recombinant	Hematopoietic growth factor	BC-293	10 µg	\$290
Stem Cell Factor, rat recombinant	Hematopoietic growth factor	BC-294	10 µg	\$290
Swinholide A	Prevents cytokinesis	AP-005	10 µg	\$226
Thapsigargin	Induces apoptosis	BC-306	1 mg	\$230
TNF-alpha, human recombinant, soluble	Extracellular domain (aa 85-233)	TN-002	50 µg	\$364
TNF-alpha, mouse recombinant, soluble	Extracellular domain (aa 77-235)	TN-001	50 µg	\$366
TNF-R1, human recombinant	Extracellular domain (aa 1-211)	TN-003	50 µg	\$420
TNF-R2, human recombinant	Extracellular domain (aa 1-257)	TN-004	50 µg	\$428
TRAIL-His tag, human recombinant, soluble	Extracellular domain (aa 95-281) + His tag	BC-091	20 µg	\$443
TRAIL-R1, human recombinant	Inhibits TRAIL-mediated apoptosis	TR-004	50 µg	\$360
TRAIL-R2, human recombinant	Inhibits TRAIL-mediated apoptosis	TR-005	50 µg	\$420
TRAIL-R2, human recombinant (FITC-labeled)	Inhibits TRAIL-mediated apoptosis	TR-006	50 µg	\$418
TRAIL-R3, human recombinant	Inhibits TRAIL-mediated apoptosis	TR-007	50 µg	\$384
TRAIL-R4, human recombinant	Inhibits TRAIL-mediated apoptosis	TR-008	50 µg	\$384
Tryprostatin A	Cell cycle inhibitor	BC-334	500 µg	\$444
TWEAK	Has a pro-apoptotic effect	BC-082	10 µg	\$415
VEGF, human recombinant	Human recombinant vascular endothelial growth factor	BC-295	10 µg	\$290
VEGF, mouse recombinant	Mouse recombinant vascular endothelial growth factor	BC-297	10 µg	\$290
VEGF121, human recombinant	Human recombinant vascular endothelial growth factor-121	BC-305	10 µg	\$290
Visfatin, human recombinant	Mimics insulin	BC-311	50 µg	\$520
YC-1	NO-independent stimulator of guanyl cyclase	BC-308	25 mg	\$364
Z-AAD-CMK	Irreversible granzyme B inhibitor	AB-002	5 mg	\$665
Z-AEVD-FMK	Irreversible caspase 6, 8, 9 inhibitor	AB-022	3 mg	\$483
Z-DEVD-FMK	Irreversible caspase-1, 3, 4, 7, 8, 10 inhibitor	AB-003	5 mg	\$772
Z-FA-FMK	Irreversible cathepsin B inhibitor	AE-001	5 mg	\$235
Z-IETD-FMK	Irreversible caspase-6, 8 inhibitor	AB-004	3 mg	\$525
Z-LEED-FMK	Irreversible caspase-13 inhibitor	AB-021	3 mg	\$825
Z-LEHD-FMK	Irreversible caspase-4, 5, 9 inhibitor	AB-010	1 mg	\$248
Z-LLY-FMK	Irreversible calpain I, II inhibitor	AB-050	3 mg	\$349
Z-VAD-FMK	Irreversible caspase-1, 3, 8 inhibitor	AB-001	5 mg	\$689
Z-VDVAD-FMK	Irreversible caspase-2, 3 inhibitor	AB-008	3 mg	\$611
Z-VEID-FMK	Irreversible caspase-1, 3, 6 inhibitor	AB-007	3 mg	\$529
Z-WEHD-FMK	Irreversible caspase-1, 4, 5 inhibitor	AB-009	1 mg	\$485
Z-YVAD-FMK	Irreversible caspase-1, 4 inhibitor	AB-011	3 mg	\$451

*For copies of data sheets and package inserts, visit our website*

# GENERAL INFORMATION AND CONDITIONS OF SALE

## Ordering

Telephone, fax, e-mail, or mail to:

### KAMIYA BIOMEDICAL COMPANY

12779 Gateway Drive  
Seattle, WA 98168 USA  
Phone: (206) 575-8068  
Fax: (206) 575-8094  
E-mail: [ordering@k-assay.com](mailto:ordering@k-assay.com)  
Website: [www.k-assay.com](http://www.k-assay.com)

Please include the following information with all orders:

1. Name, phone number, fax number, shipping address, and billing address.
2. Quantity, product name, and catalog number.
3. Purchase order number.
4. Acknowledgement of our CONDITIONS OF SALE described on this page.

Our order department is available for telephone orders Monday through Friday from 8:00 am to 4:30 pm PST.

## U.S. and Canadian Orders

F.O.B. Seattle, WA

\* Prices are listed in U.S. dollars and are subject to change without notice. Net 30 days from date of invoice for customers with acceptable credit. Prepayment may be required for certain customers. Overdue amounts are subject to a 1.5% monthly finance charge. VISA and MASTERCARD are accepted.

## Orders to Other Countries

F.O.B. Seattle, WA

\* Prices are listed in U.S. dollars and are subject to change without notice. Prepayment is required for all overseas shipments and may be made by sending us a check or bank draft in US\$ drawn on a US bank, or by electronic wire transfer. Contact us for specific prepayment instructions. Checks and bank drafts are subject to funds verification.

## Shipping Policy

Shipping and handling charges, insurance, and any special packaging charges will be prepaid and added to the invoice. Unless otherwise specified, your order will be shipped by Federal Express priority overnight or international priority service, whichever is appropriate. Under no circumstances will KAMIYA BIOMEDICAL COMPANY be responsible for products damaged during shipping as a result of delays caused by acts of God, weather, war, strikes, customs, carrier error, quarantine, etc. It is the recipient's responsibility to advise KAMIYA BIOMEDICAL COMPANY of any conditions that might affect prompt receipt of the shipment. All duties, taxes, import fees, and local delivery charges are paid by the recipient.

## Minimum Order

There is no minimum order, all requests for products are welcome.

## Returns

Inspect all shipments immediately upon arrival. In the event of any damage or discrepancy, please inform us as soon as possible. DUE TO THE PERISHABLE NATURE OF THE PRODUCTS, RETURNS WILL NOT BE ACCEPTED.

## Conditions of Sale

ALL PRODUCTS LISTED HEREIN ARE FOR IN VITRO RESEARCH APPLICATIONS ONLY AND ARE NOT TO BE USED FOR DIAGNOSTIC OR THERAPEUTIC APPLICATIONS. KAMIYA BIOMEDICAL COMPANY assumes no liability for damage or penalties resulting from use of the information provided herein, nor should a listing of any product or description of use be construed as a license to operate under, or a recommendation to infringe, any patent.

Up-to-date product technical specifications are contained in the product package inserts which are available from our website or our technical service department. Before purchasing any product, we suggest that you review the package insert to confirm that the product is suitable for your research.

## Warranty and Limitation of Liability

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