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ATTENTION: Safety Officer

Per OSHA 29CFR1910.1200, the Commonwealth of Australia [NOHSC:1005, 1008(1999)] and the latest amendments to the European Union Directive 67/548/EC, the following products do not require a Material Safety Data Sheet (MSDS). This decision is based upon our hazard determination process of evaluating available scientific evidence. The chemical, physical, and toxicological properties of these products may not, as yet, have been thoroughly investigated; therefore, we recommend the use of gloves, lab coats, and eye protection when working with these or any chemical reagents. Promega assumes no liability for damage resulting from handling or contact with these products.

Last Updated: July 12, 2008

V

V111	Anti-ACTIVE® CaKII pAb, Rabbit, (pT ²⁸⁶)
V1111	Anti-ACTIVE® CaM KII pAb, Rabbit, (pT ²⁸⁶), 40ul
V1121	MEK Inhibitor U0126, 5mg
V114	Anti-ERK 1/2 pAb, Rabbit
V1141	Anti-ERK 1/2 pAb, Rabbit, 40ul
V115	Donkey Anti-Goat IgG, AP
V1151	Donkey Anti-Goat IgG, AP, 60ul
V121	Anti-ACTIVE® p38 pAb, Rabbit (pTGpY), 100ul
V1211	Anti-ACTIVE® p38 pAb, Rabbit (pTGpY), 100ul
V1221	DNA IQ™ Spin Basket
V1231	Microtube, 1.5ml 100/bag
V133	PDE-Glo™ 5X Reaction Buffer 1
V134	PDE-Glo™ Detection Buffer
V135	Protein Kinase A
V136	PDE-Glo™ Termination buffer, 5X
V1361	PDE-Glo™ Phosphodiesterase Assay, 1000 Assays
V1362	PDE-Glo™ Phosphodiesterase Assay, 10000 rxns
V1363	PDE-Glo™ Phosphodiesterase Assay, 10000 rxns
V1401	MAO-Glo™ Assay, 200 assays
V1402	MAO-Glo™ Assay, 1000 assays
V141	MAO Substrate
V142	MAO Reaction Buffer
V143	MAO B Reaction Buffer
V144	Luciferin Detection Buffer
V1501	cAMP-Glo™ Assay, 500 reactions
V1502	cAMP-Glo™ Assay, 3000 reactions
V1503	cAMP-Glo™ Assay, 30,000 reactions
V1504	cAMP-Glo™ Assay, 3000 reactions (Part 1 of 2 for V1502)

V1505	cAMP-Glo™ Assay, 30,000 reactions (part 1 of 3 for V1503)
V1506	Protein Kinase A, 10 Pack (Part 2 of 3 for V1503)
V151	cAMP-Glo™ Lysis Buffer
V152	cAMP-Glo™ Reaction Buffer
V203	PinPoint™ Xa-1 Vector
V2031	PinPoint™ Xa-1 Vector, 10ug
V204	PinPoint™ Xa-Control Vector
V205	PinPoint™ Xa-2 Vector
V206	PinPoint™ Xa-3 Vector
V207	ProteaseMax™ Surfactant Trypsin Enhancer
V2071	ProteaseMax™ Surfactant Trypsin Enhancer, 1mg
V2072	ProteaseMax™ Surfactant Trypsin Enhancer, 5 x 1mg
V211	Agarose, LMP
V2111	Agarose, LMP, Analytical Grade, 25g
V221	cdc2 Protein Kinase Peptide Substrate
V2211	cdc2 Protein Kinase Peptide Substrate, 1mg
V222	ATP, .5mM
V223	PKA Biotynylated Peptide 10X Substrate
V224	PKA Assay 5X Buffer
V225	cAMP, .025mM
V226	PKC Activation 5X Buffer
V228	Control 5X Buffer
V2372	Olomoucine cdc2 Protein Kinase Inhibitor, 0.5mg
V2373	Olomoucine cdc2 Protein Kinase Inhibitor, 10mg
V248	Ser/Thr Phosphopeptide
V250	Phosphate Standard
V252	96-Well Plate, Flat Bottom
V254	Molybdate Dye Additive
V255	Sephadex G-25
V256	Tyr Phosphopeptide-1
V257	Tyr Phosphopeptide-2
V272	TCA Neutralization 5X Buffer
V275	BSA 10mg/ml
V2831	Agarose, LMP, Preparative Grade For Large Fragments

V286	SAM2® Biotin Capture Membrane
V2861	SAM2® Biotin Capture Membrane, 96 Samples
V287	Biotinylated PTK Peptide Substrate 1, 2.5M
V288	Biotinylated PTK Peptide Substrate 2, 2.5M
V289	rhcdc2 Kinase
V3011	PEG 8000 Powder (Polyethylene Glycol, 500gm)
V302	Proteinase K
V3031	Deep Well MagnaBot® 96 Magnet Separation Device
V306	Stabilizer Reagent
V307	5X Reaction Buffer A
V312	Agarose, LE
V3121	Agarose, LE, Analytical Grade, 100g
V3125	Agarose, LE, Analytical Grade, 500gm
V318	Sephacryl S-400
V3181	Sephacryl S-400, 10ml
V325	Control AMC Substrate
V3281	Anti-ACTVE® MAPK Family Sampler
V331	MnCl ₂ , 20mM
V332	CaCl ₂ , 100mM
V334	5X Reaction Buffer B
V342	MnCl ₂ , 300mM
V343	Sodium Vanadate, 100mM
V345	PTPase R110 Substrate
V346	5X Termination Buffer C
V3471	MagnaBot® Large Volume Magnetic Separation Device
V348	Luciferin-Free Water
V3591	Pgp-Glo™ Assay System
V3601	Pgp-Glo™ Assay System with P-glycoprotein
V361	Pgp-Glo™ Assay Buffer
V362	ATP Detection Buffer
V363	ATP Detection Substrate
V364	Human pgp membrane

V365	Verapamil
V366	MgATP
V367	Sodium Vanadate
V3771	Kinase-Glo® Plus Luminescent Assay
V3772	Kinase-Glo® Plus Luminescent Assay
V3773	Kinase-Glo® Plus Luminescent Assay
V3774	Kinase-Glo® Plus Luminescent Assay
V378	Kinase-Glo® Plus Substrate
V379	Kinase-Glo® Plus Buffer
V384	Agarose, LMP
V3841	Agarose, LMP, Preparative Grade for Sm. Fragments, 25gm
V421	PinPoint™ Vector Sequencing Primer (19mer)
V4211	PinPoint™ Vector Sequencing Primer (19mer)
V422	Sodium Chloride, (NaCl), 5M
V4221	NaCl 5M Solution, Molecular
V423	EDTA, 0.5M, pH 8.0
V4231	EDTA, 0.5M, pH 8.0, 100ml
V4233	EDTA, 0.5M, pH 8.0, 400ml
V425	TBE Buffer, 10X Molecular Biology Grade
V4251	TBE Buffer, 10X Molecular Biology Grade, 1000ml
V4261	SSC, 20X
V4271	TAE, 10X
V446	Potassium Phosphate Buffer ,1M
V476	CYP2C9 Supersomes from BD Gentest
V477	CYP1A2 (1pmol/μl) + Reductase
V4770	Human CYP1A2 Enzyme System Part 2 of 2 for V9770
V479	CYP2C9 (1pmol/μl) + Reductase +b5
V4790	Human CYP2C9 Enzyme System
V480	CYP3A4 (1pmol/μl) + Reductase +b5
V4800	Human CYP3A4 Enzyme System
V481	MagneGST™ Cell Lysis Reagent
V488	CYP2C19 + Reductase
V4880	Human CYP2C19 Enzyme System (Part 2 of 2) for V9880
V489	CYP2D6 + Reductase
V4890	Human CYP2D6 Enzyme System
V511	Sequencing Grade Trypsin
V5111	Sequencing Grade Modified Trypsin, 100ug
V5113	Sequencing Grade Modified Trypsin, Frozen, 100ug
V516	cAMP-Dependent Protein Kinase Catalytic Subunit
V5161	cAMP-Dependent Protein Kinase, Catalytic Subunit, 2,500u

V517	cGMP-Dependent Protein Kinase (alpha Isozyme)
V5171	cGMP-Dependent Protein Kinase, 6,000u
V520	Alkaline Protease
V526	Protein Kinase C
V5261	Protein Kinase C, 1ug
V528	Trypsin Gold-Mass Spec Grade
V5280	Trypsin Gold-Mass Spec Grade, 100ug
V5291	384-Well Plate, Flat, 10/pack
V5311	384-Well Plate, Conical, 10/pack
V535	PepTag® C1 Peptide
V536	PepTag® PepTag* PKC 5X Reaction Buffer
V538	PepTag® A1 Peptide
V539	PepTag®PKA Reaction 5X Buffer
V540	PKA Activator 5X Solution
V542	Trypsin Resuspension Buffer
V553	PKC Activator 5X Solution
V555	EGF Receptor
V5551	EGF Receptor, 10u
V556	PinPoint(TM) Purification Column
V557	Biotin, 100mM
V558	Factor Xa Protease
V5581	Factor Xa Protease, 50ug
V559	Streptavidin Alkaline Phosphatase
V5591	Streptavidin Alkaline Phosphatase, 0.5ml
V560	Kemptide
V5601	Kemptide(PKA) Peptide Substrate, 1mg
V561	Neurogranin (28-43) PKC
V5611	Neurogranin (28-43) PKC Peptide Substrate, 1mg
V562	Casein Kinase II
V5621	Casein Kinase II
V563	Casein Kinase I
V5631	Casein Kinase I

V566	Casein Kinase II Peptide Substrate
V5661	Casein Kinase II Peptide Substrate, 1mg
V567	DNA Dependent Protein Kinase Substrate
V5671	DNA Dependent Protein Kinase Substrate, 1mg
V568	cAMP Dependent Protein Kinase Peptide Inhibitor
V5681	cAMP Dependent Protein Kinase Peptide Inhibitor
V569	Myristoylated PKC Peptide Inhibitor
V5691	Myristoylated Protein Kinase C Peptide Inhibitor, 1mg
V572	Peptide Protection Solution
V581	DNA Dependent Protein Kinase
V5811	DNA-Dependent Protein Kinase, 500u
V592	PKC Coactivation 5X Buffer
V593	PKC Biotynylated Peptide Substrate
V602	ProTEV Buffer
V6041	MagnaBot® Flat Top Magnetic Separation Device
V6051	ProTEV Protease, 10u/ul, 1000u
V6052	ProTEV Protease, 10u/ul, 10,000u
V6071	Kinase-GloMax® Luminescent Kinase Assay, 10ml
V6072	Kinase-GloMax® Luminescent Kinase Assay, 10x10ml
V6073	Kinase-GloMax® Luminescent Kinase Assay, 100ml
V6074	Kinase-GloMax® Luminescent Kinase Assay, 10 x100ml
V608	Kinase-GloMax® Buffer
V609	Kinase-Glo® Extend Substrate
V6231	TE, 1X Buffer, 100ml
V6232	TE, 1X Buffer, 500ml
V631	PPase-2A Catalytic Subunit
V6311	PPase-2A Catalytic Subunit, 25u
V636	PPase-2B
V6361	PPase-2B, 10u
V641	cGMP, 1mM
V6411	cGMP 1mM, 500ul
V642	cAMP, 1mM
V6421	cAMP 1mM, 500ul
V646	cdc2 Protein Kinase Biotinylated Peptide Substrate

V649	PTK Assay 5X Buffer
V651	PTK Enzyme Dilution 5X Buffer
V652	Sodium Vanadate, 1mM
V654	Phosphate Free Water
V6551	Sodium Dodecyl Sulphate (SDS) 10%
V6553	Sodium Dodecyl Sulphate (SDS) 10%
V6711	Kinase-Glo® Luminescent Kinase Assay, 10ml
V6712	Kinase-Glo® Luminescent Kinase Assay, 10 X 10ml
V6713	Kinase-Glo® Luminescent Kinase Assay, 100ml
V6714	Kinase-Glo® Luminescent Kinase Assay, 10 X 100ml
V672	Kinase-Glo® Substrate
V673	Kinase-Glo® Buffer
V686	SAM2 Biotin Capture Membrane
V688	GSH-Glo™ Reaction Buffer
V690	Glutathione
V7120	Gel Drying Kit
V713	Gel Drying Film
V7131	Gel Drying Film, 25.5 x 28cm, 100 sheets
V718	Gel Drying Frames
V719	Clamps
V744	Casein Kinase I Peptide Substrate
V7441	Casein Kinase I Peptide Substrate, 1mg
V745	cGMP-Dependent Protein Kinase Peptide Substrate
V7451	c-GMP Dependent Protein Kinase (PKG) Peptide Substrate
V754	SAM2® 96 Well Plate
V7541	SAM2® 96 Biotin Capture Plate, 1/pk
V7542	SAM2® 96 Biotin Capture Plate, 5/pk
V757	cdc2 Kinase Assay 5X Buffer
V786	Filter
V7861	SAM2® Biotin Capture Membrane, 7.6cm x 10.9cm
V788	DNA-PK Biotinylated Peptide Substrate, 4mM
V789	DNA-PK 5X Reaction Buffer

V790	Control Buffer
V791	DNA-PK Activation Buffer
V793	Anti-ACTIVE® JNK pAb, Rabbit (pTPpY)
V7931	Anti-ACTIVE® JNK pAb, Rabbit, (pTPpY), 40ul
V7932	Anti-ACTIVE® JNK pAb, Rabbit, (pTPpY), 120ul
V795	Donkey Anti-Rabbit IgG, HRP
V7951	Donkey Anti-Rabbit, IgG, (H&L) HRP, 60ul
V797	Donkey Anti-Rabbit, IgG, AP
V7971	Donkey Anti-Rabbit, IgG, (H&L) AP, 60ul
V798	G-418 Sulfate
V7981	Antibiotic G-418 Sulfate, 100mg
V7982	Antibiotic G-418 Sulfate, 1 gm
V7983	Antibiotic G-418 Sulfate, 5gm
V803	Anti-ACTIVE® MAPK pAb, Rabbit (pTEpy)
V8031	Anti-ACTIVE® MAPK pAb, Rabbit, (pTEpY), 40ul
V805	Donkey Anti-Goat IgG HRP
V8051	Donkey Anti-Goat IgG HRP, 60ul
V808	Anti-pT ¹⁸³ MAPK pAb, Rabbit
V8081	Anti-pT ¹⁸³ MAPK pAb, Rabbit, 50ul
V809	Antibiotic G-418 Sulfate Solution
V8091	Antibiotic G-418 Sulfate Solution, 20ml
V8151	MagnaBot® 96 Magnetic Separation Device
V817	CaMKII Biotinylated Peptide Substrate
V818	CaMKII Reaction 5x Buffer
V819	CaMKII Control 5x Buffer
V820	CaMKII Activation 5x Buffer
V821	InCELLect™ AKAP St-Ht31 Inhibitor Peptide
V8211	InCELLect™ AKAP-St-Ht31 Inhibitor Peptide
V822	InCELLect™ St-Ht31P Control Peptide
V8221	InCELLect™ St-Ht31P Control Peptide

V8241	MagnaBot® 384 Magnetic Separation Device
V8251	Plate Clamp 96
V8261	Plate Stand
V8351	MagnaBot®II Magnetic Separation Device
V8381	MagnaBot® Spacer
V8481	MagnaBot® Adaptor, T1
V849	Broad Range Protein Molecular Markers
V8491	Broad Range Protein Molecular Markers, 500ul
V851	MagneHis™ Binding/Wash Buffer
V854	MagneHis™ Ni-Particles
V8560	MagneHis™ Ni-Particles, 2ml
V8565	MagneHis™ Ni-Particles, 10ml
V857	FastBreak™ Cell Lysis Reagent, 10X
V8571	FastBreak™ Cell Lysis Reagent, 10X, 10ml
V8572	FastBreak™ Cell Lysis Reagent, 10X, 40ml
V8573	FastBreak™ Cell Lysis Reagent, 10X, 100ml
V8581	MagnaBot® Spacer 1/8 inch
V859	Luciferin Detection Reagent
V8602	MagneGST™ Protein Purification System
V8605	MagneGST™ Protein Purification System
V862	Luciferin ME
V863	Luciferin CEE
V864	Luciferin H
V865	P450-Glo™ Buffer
V866	Luciferin BE
V8681	MagnaBot® Spacer 1/16 inch
V869	Luciferin 6' methyl ether (LucME) ethylene
V870	MagneGST™ Binding/Wash Buffer
V871	Glutathione, 0.5M
V872	Tris Buffer, 0.5M, pH 8.1
V873	Luciferin-PFBE
V8751	P450-Glo™ CYP1A1 Assay, 10ml
V8752	P450-Glo™ CYP1A1 Assay, 50ml
V8761	P450-Glo™ CYP1B1 Assay, 10ml
V8762	P450-Glo™ CYP1B1 Assay, 50ml
V8771	P450-Glo™ CYP1A2 Assay, 10ml

V8772	P450-Glo™ CYP1A2 Assay, 50ml
V8781	P450-Glo™ CYP2C8 Assay, 10ml
V8782	P450-Glo™ CYP2C8 Assay, 50ml
V8791	P450-Glo™ CYP2C9 Assay, 10ml
V8792	P450-Glo™ CYP2C9 Assay, 50ml
V8801	P450-Glo™ CYP3A4 Assay, 10ml
V8802	P450-Glo™ CYP3A4 Assay, 50ml
V8811	P450-Glo™ CYP3A7 Assay, 10ml
V8812	P450-Glo™ CYP3A7 Assay, 50ml
V882	HisLink™ Protein Purification Resin
V8821	HisLink™ Protein Purification Resin, 50ml
V8823	HisLink™ Protein Purification Resin, 5ml
V8830	MagZ™ Protein Purification System
V884	MagZ™ Binding Particles
V885	MagZ™ Binding/Wash Buffer
V886	MagZ™ Elution Buffer
V8871	MagneGST™ Pull-Down System
V8881	P450-Glo™ CYP2C19 Assay, 10ml
V8882	P450-Glo™ CYP2C19 Assay, 50ml
V8891	P450-Glo™ CYP2D6 Assay, 10ml
V8892	P450-Glo™ CYP2D6 Assay, 50ml
V8901	P450-Glo™ CYP3A4 Assay (Luc-PFBE), Cell-based, 10ml
V8902	P450-Glo™ CYP3A4 Assay (Luc-PFBE), Cell-based, 50ml
V8911	P450-Glo™ CYP3A4 Assay with Luciferin PPXE, 10ml
V8912	P450-Glo™ CYP3A4 Assay with Luciferin PPXE, 50ml
V8920	Luciferin Detection Reagent, 10ml
V8921	Luciferin Detection Reagent, 50ml
V8930	Luciferin Detection Reagent with esterase, 10ml
V8931	Luciferin Detection Reagent with esterase, 50ml
V9510	NADPH Regeneration System
V952	Solution A
V953	Solution B
V9770	P450-Glo™ CYP1A2 Screening System
V9790	P450-Glo™ CYP2C9 Screening System
V9800	P450-Glo™ CYP3A4 Screening System
V981	HisLink™ Binding/Wash Buffer
V9880	P450-Glo™ CYP2C19 Screening System
V9890	P450-Glo™ CYP2D6 Screening System