



Calbiochem®

Stem Cell Resource

Antibodies

- Ectoderm & Endoderm Lineage Markers
- Hematopoietic Cell Lineage Markers
- Hepatic Cell Lineage Markers
- Mesenchymal Markers
- Astrocyte Markers
- Neuronal Markers
- Oligodendrocyte Marker
- Pancreatic Cell Lineage Markers

Growth Factors

- Dendritic Cell
- Hematopoietic Stem Cell
- Mesenchymal Stem Cell
- Neural Stem Cell
- Endothelial Cell
- Cytokines for Cell Differentiation
- Cellular Differentiation Inducers

Stem Cell Culture Reagents

www.merckbio.eu/Stemcell



Antibodies

Cat. No.	Product / Description	Applications	Species Activity	Size	Price €
Ectoderm Lineage Marker					
IF01	Anti-Vimentin/LN6 (Ab-1) Mouse mAb (V-9)	FS, IB, IF, PS	chicken, human, porcine, rat	100 mg	211
Endoderm Lineage Markers					
178260	Anti- α 1-Antitrypsin Mouse mAb (TMF1#4B5)	EIA, RIA	human	1 mg	158
178479	Anti-Apolipoprotein E Goat pAb	ELISA, IB, IP	human	500 ml	234
CP56	Anti-Collagen Type IV (Ab-2) Mouse mAb (CIV22)	FS, PS	bovine, human	500 ml	219
SC1000	Anti-Nanog Rabbit pAb	IB, IP	mouse	50 mg	87
Hematopoietic Cell Lineage Markers					
217575	Anti-CD4 Mouse mAb (QS4120)	2D PAGE, ELISA, FC, FS	human	100 mg	128
217580	Anti-CD8 Mouse mAb (UCHT4)	FC, FS, IP	human	100 mg	122
217640	Anti-CD11a Mouse mAb (38)	CIA, FC, FS, IP	human	100 mg	177
217642	Anti-CD11b Mouse mAb (ICRF44)	CIA, FC, FS, IP	human	100 mg	177
OP164	Anti-CD34 Mouse mAb (QBEnd/10)	FC, PS	human	100 mg	180
OP166	Anti-CD45 Mouse mAb (Bra55)	ELISA, FC, FS, IP, NT, PS	human	100 mg	180
PC389	Anti-CXCR4 (Ab-1) (182-196) Rabbit pAb	IB	human	100 mg	191
PC390	Anti-CXCR4 (Ab-2) (1-14) Rabbit pAb	IB	human	100 mg	191
GF13L	Anti-Granulocyte-Macrophage Colony Stimulating Factor (Ab-1) Mouse mAb (GM4.1.9)	IP, NT	human	100 mg	191
PC34	Anti-c-Kit (961-976) Rabbit pAb	IF, NOT IB, PS	human	100 mg	211
Hepatic Cell Lineage Markers					
507313	Anti-Albumin Goat pAb	IP	human	1 ml	44
126584	Anti-Albumin Rabbit pAb	ELISA, IB	human	1 ml	82
126705	Anti-Albumin Rabbit pAb	IP, RID	chicken	1 ml	64
400060	Anti-Glucose Transporter-1 Rabbit pAb	ELISA, FS, IB, IF, IP	human, mouse, rabbit, rat	50 mg	191
Mesenchymal Markers					
CP01	Anti-Actin (Ab-1) Mouse mAb (JLA20)	IB, IF	a broad range of species	1 ea	211
CP64	Anti-Actin (Ab-3) Mouse mAb (HHF-35)	FS, IB, PS	canine, human, monkey, mouse, rat, shrew	100 ml	150
113200	Anti- α -actin Mouse mAb (1A4)	FS, PS	baboon, human, rabbit	500 ml	191
CP47	Anti-Actin, Smooth Muscle Specific (Ab-2) Mouse mAb (1A4)	FS, IB, IF, PS	baboon, bovine, chicken, human, mouse, rabbit, rat	100 mg	191
217594	Anti-CD44 Rat mAb (A020)	ELISA, FC, IB, IF, IH, IP, RIA	bovine, canine, human, mouse, porcine, rabbit	100 ml	254
400064	Anti-Glucose Transporter-4 Rabbit pAb	ELISA, FS, IB, IP	human, mouse, rat	50 mg	191
PC34	Anti-c-Kit (961-976) Rabbit pAb	IF, NOT IB, PS	human	100 mg	211
499055	Anti-Osteocalcin (1-22) Rabbit pAb	ELISA, RIA	human	100 ml	191
499255	Anti-Osteonectin Rabbit pAb	ELISA, IB, PS	human	100 ml	191
499265	Anti-Osteopontin (75-90) Rabbit pAb	ELISA, IB, IF, PS	human	100 ml	191
PC21	Anti-PDGF (Ab-1) (101-116) Rabbit pAb	ELISA, IB, IF, PS	human, rat	100 mg	191
676488	Anti-VEGF Receptor 2 (931-997) Rabbit pAb	IB, IH, IP	human, mouse	50 ml	137
676486	Anti-VEGF Receptor 2 Mouse mAb (CH-11)	IB	human, mouse	50 mg	180
Astrocyte Markers					
345860	Anti-Glial Fibrillary Acidic Protein Rat mAb (2.2B10)	ELISA, IB, IH, IP	bovine, human, rodent	100 mg	208
Neuronal Markers					
NB05L	Anti-Choline Acetyltransferase Rat mAb	FFS, FS, VS	canine, feline, ferret, guinea pig, monkey, mouse, rat, turtle	100 ml	234

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CP09L	Anti-GAP-43 Mouse mAb (5E7)	FS, IB, IF, PS	human, rat	100 mg	191
442695	Anti-Microtubule Associated Protein 2 Mouse mAb (M12)	ELISA, FS, IB, PS	chicken, human, mouse, rat	100 mg	191
PC237	Anti-Neuronal Specific Enolase Rabbit pAb	FS, IEP, PS	human	6 ml	147
PC177L	Anti-Serotonin (5-HT) Transporter (602-622) Rabbit pAb	FS, IB, IF	rat	100 ml	183
573822	Anti-Synaptophysin Mouse mAb (SP15)	FS, IB, IC, IP	bovine, feline, hamster, human, mouse, porcine, rat	100 ml	191
OP71L	Anti-Tryptophan Hydroxylase (Ab-1) Mouse mAb (PH8)	FS, IB, PS	human, rat	100 mg	191
CP07	Anti- β -Tubulin Mouse mAb (DM1B)	IB, IF	chicken, gerbil, human, mouse, rat	200 mg	211
657010	Anti-Tyrosine Hydroxylase Mouse mAb (6D7)	IB, IH	a broad range of species	100 mg	218
657012	Anti-Tyrosine Hydroxylase Rabbit pAb	DB, IB, IF, IH	a broad range of species	100 ml	218
PC421	Anti-Vanilloid Receptor Like Protein-1 (744-761) Rabbit pAb	FS, IB, IC	mouse, rat	100 ml	178
Oligodendrocyte Marker					
CP32	Anti-Myelin Basic Protein (Ab-2) Mouse mAb (1)	ELISA, FS		2 ml	134
Pancreatic Cell Lineage Markers					
400061	Anti-Glucose Transporter-2 Rabbit pAb	ELISA, IB	human, mouse, rat	50 mg	191
IF01	Anti-Vimentin/LN6 (Ab-1) Mouse mAb (V-9)	FS, IB, IF, PS	chicken, human, porcine, rat	100 mg	211

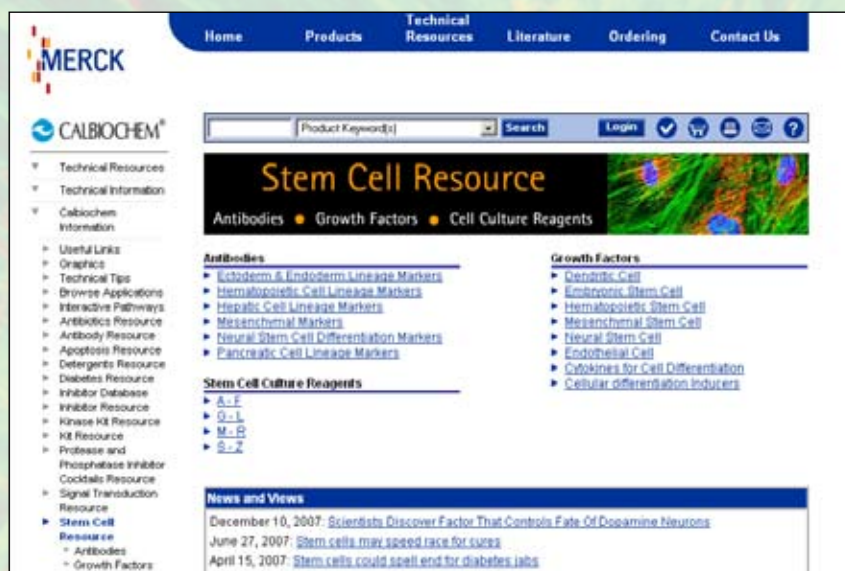
Growth Factors

Cat No.	Product / Description	Size	Price £
Dendritic Cell			
234370	Granulocyte Colony-Stimulating Factor, Human, Recombinant, <i>E. coli</i>	5 mg	181
234371	Granulocyte Colony-Stimulating Factor, Mouse, Recombinant, <i>E. coli</i>	5 mg	164
234373	Granulocyte Macrophage Colony-Stimulating Factor, Mouse, Recombinant, <i>E. coli</i>	5 mg	181
234374	Granulocyte Macrophage Colony-Stimulating Factor, Mouse, Recombinant, <i>E. coli</i>	10 mg	167
654205	Tumor Necrosis Factor- α , Human, Recombinant, <i>E. coli</i>	10 mg	164
654245	Tumor Necrosis Factor- α , Mouse, Recombinant, <i>E. coli</i>	10 mg	184
Hematopoietic Stem Cell			
329871	Erythropoietin, Human, Recombinant, CHO Cells	50 mg	79
343010	Flt-3/Flk-2 Ligand, Human, Recombinant, <i>S. frugiperda</i>	5 mg	104
343012	Flt-3/Flk-2 Ligand, Mouse, Recombinant, Mouse, NSO Cells	5 mg	108
407629	Interleukin-3, Human, Recombinant, <i>E. coli</i>	10 mg	139
407631	Interleukin-3, Mouse, Recombinant, <i>E. coli</i>	10 mg	199
407653	Interleukin-6 Receptor, Soluble, Human, Recombinant, <i>S. frugiperda</i>	25 mg	290
407652	Interleukin-6, Human, Recombinant, <i>E. coli</i>	10 mg	164
407654	Interleukin-6, Mouse, Recombinant, <i>E. coli</i>	5 mg	174
407705	Interleukin-11, Human, Recombinant, <i>S. frugiperda</i>	5 mg	205
569600	Stem Cell Factor, Human, Recombinant, <i>E. coli</i>	10 mg	215
569610	Stem Cell Factor, Mouse, Recombinant, <i>E. coli</i>	10 mg	241
605218	Thrombopoietin, Human, Recombinant, <i>S. frugiperda</i>	5 mg	299
Mesenchymal Stem Cell			
203648	BMPR IB/Fc Chimera, His•Tag®, Human, Recombinant	100 mg	319
324831	EGF, Human, Recombinant, <i>E. coli</i>	200 mg	105
521215	Platelet-Derived Growth Factor, AA Homodimer, Human, Recombinant, <i>E. coli</i>	10 mg	178
324856	Epidermal Growth Factor, Murine Submaxillary Glands, Receptor Grade	100 mg	136
521220	Platelet-Derived Growth Factor, AB Heterodimer, Human, Recombinant, <i>E. coli</i>	10 mg	192
521225	Platelet-Derived Growth Factor, BB Homodimer, Human, Recombinant, <i>E. coli</i>	10 mg	192
PF017	Transforming Growth Factor- β 2, Human, Recombinant, <i>E. coli</i>	1 mg	201
PF073	Transforming Growth Factor- β 3, Human, Recombinant, <i>S. frugiperda</i>	2 mg	258

Cat. No.	Product / Description	Size	Price €
Neural Stem Cell			
324831	Epidermal Growth Factor, Human, Recombinant, <i>E. coli</i>	200 mg	105
324856	Epidermal Growth Factor, Murine Submaxillary Glands, Receptor Grade	100 mg	136
341583	Fibroblast Growth Factor, Basic, Bovine	25 mg	264
341595	Fibroblast Growth Factor, Basic, Human, Recombinant, <i>E. coli</i>	25 mg	149
341631	Fibronectin, Bovine Plasma	1 mg	55
		5 mg	213
341633	Fibronectin, Human Fibroblast	250 mg	118
		500 mg	216
341668	Fibronectin, Rat Plasma	500 mg	128
Endothelial Cell			
324831	Epidermal Growth Factor, Human, Recombinant, <i>E. coli</i>	200 mg	105
324856	Epidermal Growth Factor, Murine Submaxillary Glands, Receptor Grade	100 mg	136
341583	Fibroblast Growth Factor, Basic, Bovine	25 mg	264
341595	Fibroblast Growth Factor, Basic, Human, Recombinant, <i>E. coli</i>	25 mg	149
341631	Fibronectin, Bovine Plasma	1 mg	55
		5 mg	213
341633	Fibronectin, Human Fibroblast	250 mg	118
		500 mg	216
341635	Fibronectin, Human Plasma	1 mg	94
		5 mg	306
341668	Fibronectin, Rat Plasma	500 mg	128
561303	L-Selectin, Human, Recombinant, CHO Cells	50 mg	294
561300	E-Selectin, Human, Recombinant, CHO Cells	50 mg	294
561306	P-Selectin, Human, Recombinant, CHO Cells	50 mg	294
Cytokines for Cell Differentiation			
114700	Activin A, Human, Recombinant, CHO Cells	5 mg	181
203644	BMP-6, Human, Recombinant, Mouse, NSO Cells	20 mg	363
407637	Interleukin-4, Mouse, Recombinant, <i>E. coli</i>	10 mg	165
Cellular Differentiation Inducers			
217460	Cardiogenol C	5 mg	116
239803	Cyclopamine, <i>V. californicum</i>	1 mg	102
239804	Cyclopamine-KAAD	100 mg	108
361550	GSK-3 Inhibitor IX	1 mg	77
361552	InSolution™ GSK-3 Inhibitor IX	500 mg	52
361556	GSK-3 Inhibitor IX, Control, MeBIO	1 mg	59
361554	GSK-3β Inhibitor XII, TWS119	5 mg	229
420210	Jervine	1 mg	77
540220	Purmorphamine	5 mg	116
554720	trans-Retinoic Acid	500 mg	48
554717	Reversine	5 mg	116
559303	SANT-1	5 mg	90
565750	γ-Secretase Inhibitor I	1 mg	79
565770	γ-Secretase Inhibitor IX	5 mg	77
565771	InSolution™ γ-Secretase Inhibitor X	250 mg	218
569620	Stem Cell Proliferation Inhibitor	5 mg	104
679101	Vitamin D ₃ , 1α, 25-Dihydroxy-	50 mg	207
681665	Wnt Agonist	5 mg	97
688000	Y-27632	1 mg	101
		5 mg	394

Cell Culture Reagents and related products

Cat. No.	Product / Description	Size	Price €
12657	Albumin, Bovine Serum, Fraction V, Crystalline	1 g	15
		5 g	63
		25 g	232
12660	Albumin, Bovine Serum, Fraction V, Modified Cohn, pH 5.2	100 g	149
126658	Albumin, Human Serum, Fraction V, High Purity	1 g	74
		5 g	287
382065	Bisbenzimidazole H 33342 Fluorochrome, Trihydrochloride	100 mg	48
234568	Concanavalin A, <i>Canavalia ensiformis</i> , Agarose Conjugate	10 ml	74
260913	Deoxyribonuclease I, Bovine Pancreas	10 mU	103
		25 mU	209
317275	Dimethyl Sulfoxide / DMSO	100 ml	8
		500 ml	31
341631	Fibronectin, Bovine Plasma	1 mg	55
		5 mg	213
341633	Fibronectin, Human Fibroblast	250 mg	118
		500 mg	216
341635	Fibronectin, Human Plasma	1 mg	94
		5 mg	306
341668	Fibronectin, Rat Plasma	500 mg	128
343242	FLUO 3/AM	1 mg	155
345789	FluorSave™ Reagent	20 ml	49
345810	G 418 Sulfate, Cell Culture Tested	250 mg	16
		500 mg	26
		1 gm	34
		5 gm	132
		25 gm	575
3520	L-Glutamine	100 g	30
385906	Hyaluronic Acid, Bovine Trachea, Fluorescein-Labeled	10 mg	118
3867	Hydrocortisone	1 g	41
386698	Hydrocortisone, Chromatographic Standard	25 mg	50
400051	Hygromycin B, <i>Streptomyces</i> sp.	100 kU	26
		1 mU	90
		5 mU	350
		10 mU	615
407709	Insulin, Zinc, Human, Recombinant, <i>P. pastoris</i>	50 mg	90
444203	β-Mercaptoethanol, Molecular Biology Grade	250 ml	21
475904	MOWIOL® 4-88 Reagent	100 g	68
459616	Okadaic Acid, Ammonium Salt	25 mg	33
507858	PANSORBIN® Cells	1 g	48
		5 g	204
		10 g	333
		25 g	559
		50 g	976
516104	Penicillin/Streptomycin/Amphotericin B Solution (100X), Tissue Culture Grade	20 ml	22
537059	Propidium Iodide	50 mg	39
		100 mg	70
		250 mg	168
		1 g	569
616397	Transferrin, Holo, Human Plasma	100 mg	48
		500 mg	190
616420	Transferrin, Holo, Bovine Plasma	100 mg	48



www.merckbio.eu/Stemcell

Merck Chemicals Ltd.
Boulevard Industrial Park
Padge Road, Beeston
Nottingham NG9 2JR

Orders / Enquiries

Freephone 0800 622 935
Fax 0115 943 0951
Email: customer.service@merckbio.eu

Technical Support

Freephone 0800 622 935
Email: techservice@merckbio.eu

Website www.merckbio.eu

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