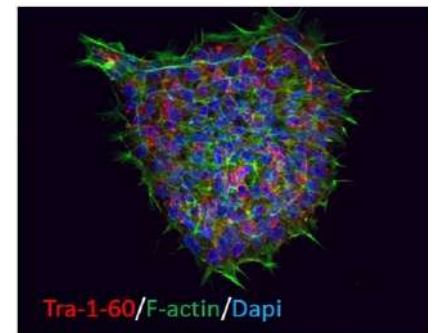
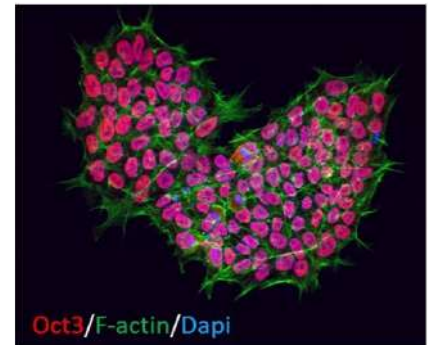


Stem Cell Products with biotechnne

Proteins for Stem Cell Therapy Research

Products	GMP	Cat #		
		Human	Mouse	Rat
Activin A	338-GMP	338-AC	338-AC	338-AC
BMP-2	355-GMP	355-BM	355-BM	355-BM
BMP-4	314E-GMP	314-BP	5020-BP	
Dkk-1		5439-DK	5897-DK	4010-DK
EGF	236-GMP	236-EG	2028-EG	3214-EG
FGF-basic	233-GMP	233-FB	3139-FB	3339-FB
Flt-3 Ligand	308E-GMP	308-FK	427-FL	
HGF	294-GMP	294-HG	2207-HG	
IGF-1	291-GMP	291-G1	791-MG	4326-RG
KGF/FGF-7	251-GMP	251-KG	5028-KG	
Noggin	6057-GMP	6057-NG	1967-NG	
PDGF-BB	220-GMP	220-BB		520-BB
SCF/c-kit Ligand	BT-SCF-GMP	255-SC	455-MC	6998-SC
Sonic Hedgehog(C24II) N-terminus	1845-GMP	1845-SH	464-SH	
Sonic Hedgehog N-terminus	1314-GMP	1314-SH	461-SH	
Wnt-3a	5036-GMP	5036-WN	1324-WN	
R-Spondin1		4645-RS	3474-RS	

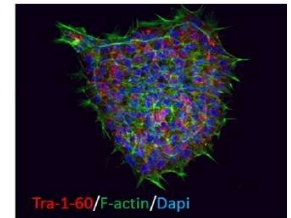
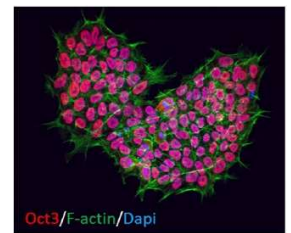


Small Molecules for Reprogramming and Maintenance

Category	Products	Cat #	Products	Cat #
GMP Grade (cGMP guidelines)	CHIR 99021	TB4423-GMP	XAV 939	TB3748-GMP
	LDN 193189 New	TB6053-GMP	Y-27632 dihydrochloride	TB1254-GMP
	SB 431542	TB1614-GMP		
Category	Products	Cat #	Products	Cat #
Ancillary Material Grade	A 83-01 New	TB2939-RMU	ISX 9	TB4439-RMU
	AGN 193109	TB5758-RMU	RepSox	TB3742-RMU
	AM 580	TB0760-RMU	Staurosporine	TB1285-RMU
	DAPT	TB2634-RMU	T3 New	TB6666-RMU
	DBZ	TB4489-RMU	WIKI4	TB4855-RMU
	DZNep HCl	TB4703-RMU		
	Forskolin	TB1099-RMU		
Category	Products	Cat #	Description	
Standard Grade	CHIR 99021	4423	used in small molecule cocktail to generate ciPSCs from MEFs	
	DAPT	2634	Notch inhibitor; induces neuronal differentiation	
	RepSox	3742	Enhances reprogramming efficiency; replaces Sox2	
	WIKI4	4855	tankyrase inhibitors; stabilize axin and block Wnt/ β -catenin signaling	
	SB 431542	1614	Replaces SOX2 in reprogramming of fibroblasts into iPSCs	
	XAV 939	3748	Promotes cardiomyocyte differentiation from ESCs; tankyrase inhibitor; inhibits Wnt signaling	
	Y-27632	1254	Reduces apoptosis of PSCs during routine passage and improves survival of stem cells undergoing cryopreservation; ROCK inhibitor	
	Valproic Acid	2815	induction of pluripotent stem cells from somatic cells	
	IWP 4	5214	Potent inhibitor of Wnt/ β -catenin signaling; induces cardiomyocyte differentiation of human ESCs and iPSCs	
	Retinoic Acid	0695	Promotes differentiation of mouse ESCs into adipocytes, pancreatic cells, neurons and glia	
Forskolin	1099	induces neuronal differentiation		

Stem Cell Qualified and Available ECM

Products	Size	Cat#
Cultrex Stem Cell Qualified Reduced Growth Factor BME	2x 5mL	3434-010-02
Cultrex Stem Cell Qualified Reduced Growth Factor BME	5mL	3434-005-02
Cultrex Stem Cell Qualified Reduced Growth Factor BME	1mL	3434-001-02
Cultrex ReadyBME, Stem Cell Qualified, Reduced Growth Factor	50mL	3434-050-RTU
Cultrex UltiMatrix Reduced Growth Factor BME	10mL	BME001-10
Cultrex UltiMatrix Reduced Growth Factor BME	5mL	BME001-05
Cultrex UltiMatrix Reduced Growth Factor BME	1mL	BME001-01
Cultrex Stem Cell Qualified Laminin I, Pathclear	1mg	3400-010-03



Media & Kits for Stem Cell

Name	Description	Cat#
Culture Media		
ExCellerate iPSC Expansion Medium	Animal Component-Free medium	CCM036
StemXVivo Xeno-Free Human MSC Expansion Media		CCM021
StemXVivo MSC Expansion Media		CCM004
StemXVivo MSC Serum-Free Expansion Media		CCM014
StemXVivo Serum-Free MSC Freezing Media		CCM016
StemXVivo Osteogenic/Adipogenic Base Media		CCM007
StemXVivo Adipogenic Supplement (100X)	Cell Type Specific Media	CCM011
StemXVivo Human Osteogenic Supplement	Stem cell에 최적화된 Media & Supplement	CCM008
StemXVivo Mouse/Rat Osteogenic Supplement	R&D의 Good Quality Products 이용	CCM009
StemXVivo Chondrogenic Base Media		CCM005
StemXVivo Human/Mouse Chondrogenic Supplement	Ready to Use	CCM006
N-2 MAX Media Supplement		AR009
N-2 Plus Media Supplement		AR003
N-21 MAX Insulin Free Media Supplement		AR010
N-21 MAX Vitamin A free Media Supplement		AR012

Identification Kits

hMSC Functional Identification Kit	SC006
rMSC Functional Identification Kit	SC020
hPluripotent SC Functional Identification Kit	SC027B
h/m/r Neural Lineage Functional Identification Kit	SC028
hPluripotent Stem Cell 3-Color Immunocytochemistry Kit	SC021
h/m/r Neural 3-Color Immunocytochemistry Kit	SC024
h/m/r Neural Progenitor Cell Marker Antibody Panel	SC025

Differentiation Kits

StemXVivo Ectoderm Kit		SC031B
StemXVivo Mesoderm Kit	완벽히 optimization 된 Kit	SC030B
StemXVivo Endoderm Kit	실험 간의 variation 최소화	SC019B
h/m Dopaminergic Neuron Differentiation Kit	R&D의 Good Quality Proteins 제공	SC001B
m Oligodendrocyte Differentiation Kit	Differentiation 하기 위한 Ab 제공	SC004
StemXVivo Neural Progenitor Differentiation Kit	간단하고 손쉬운 Protocol	SC035
StemXVivo Cardiomyocyte Differentiation Kit		SC032B
StemXVivo Hepatocyte Differentiation Kit		SC033