



 ***InnoStem Bio***

|주| 이노스템바이오

Please try to find InnoStem Bio products supportive to your research.

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iNNoST-Cell

Species

– Human, Rat, Mouse, Rabbit, Porcine

Origin

– Fat, Muscle, Nerves, Heart, Umbilical Cord, Placenta, Synovium

- Mesenchymal Stem Cells
 - Neural Stem Cells
- Tissue-Resident Stem Cells

3D High-Throughput
Culture Platform

CELL BANKING SYSTEM

- Research Grade
- Cosmeceutical Grade
- Pharmaceutical Grade

- Chemical-Defined Cryopreservation & Thawing Solution
- Chemical-Defined Growth Supplement

iNNoST-Cell Specification



Growth Potential

- More than 10 Population Doubling Levels
- More than 4 subcultures
- Yield more than 1.0×10^8 cells after culturing



Extracellular Vesicle Secretion Ability

- More than 1.0×10^8 EV secreted from 1.0×10^6 cells per day
- Sustained EV secretion more than 7 days when using with Exosome Booster



Content

- More than 7.5×10^5 cells/vial
- More than 500 vials from the same donor



Proliferating iNNoST-Cell

- Ready-to-Use cell product
- Simply seed the cells on a culture plate upon receipt.



Content

- > 90%: CD44, CD73, CD105
- < 2%: CD3, CD6, CD14, CD19, CD20, CD56



Differentiation Potential

- Adipocytes
- Osteoblasts
- Pericytes
- Myoblasts(MDSCs)
- Schwann cells(PNSCs)
- Chondrocytes(BMSCs, ASCs)



Safety

- HBV, HCV, HIV-1/2; Negative
- Bacteria and Fungi; Negative
- Mycoplasma; Negative

iNNoST-Cell list

Human

No.	Cat.#	Product name	Unit	Type
1	ISB-24001	Human Mesenchymal Stem Cells from Bon Marrow 인간 골수 유래 중간엽줄기세포(hBM-MSCs)	>750,000 Cells/vial	Cryopreserved
	ISB-24002			Proliferating
2	ISB-24011	Human Mesenchymal Stem Cells from Adipose Tissue 인간 지방 유래 중간엽줄기세포(hAT-MSCs)	>750,000 Cells/vial	Cryopreserved
	ISB-24012			Proliferating
3	ISB-24021	Human Skeletal Muscle Stem Cells(hMDSCs) 인간 골격근 유래 성체줄기세포	>750,000 Cells/vial	Cryopreserved
	ISB-24022			Proliferating
4	ISB-24031	Human Peripheral Nerve Stem Cells(hPNSCs) 인간 신경 유래 성체줄기세포	>750,000 Cells/vial	Cryopreserved
	ISB-24032			Proliferating
5	ISB-24041	Human Myocardium Stem Cells(hMyoCSCs) 인간 심근 유래 성체줄기세포	>750,000 Cells/vial	Cryopreserved
	ISB-24042			Proliferating
6	ISB-24051	Human Mesenchymal Stem Cells from Umbilical Cord 인간 제대 유래 중간엽줄기세포(hUC-MSCs)	>750,000 Cells/vial	Cryopreserved
	ISB-24052			Proliferating
7	ISB-24061	Human Mesenchymal Stem Cells from Placenta 인간 태반 유래 중간엽줄기세포(hPL-MSCs)	>750,000 Cells/vial	Cryopreserved
	ISB-24062			Proliferating
8	ISB-24063	Customized Primary Stem Cells, Human Origin 의뢰자 맞춤 인간 줄기세포	>10,000,000 Cells/vial	Cryopreserved
	ISB-24064			Proliferating

iNNoST-Cell list

Rat

No.	Cat.#	Product name	Unit	Type
1	ISB-24001R	Rat Mesenchymal Stem Cells from Bone Marrow 쥐 골수 유래 중간엽줄기세포(rBM-MSCs)	>750,000 Cells/vial	Cryopreserved
	ISB-24002R			Proliferating
2	ISB-24011R	Rat Mesenchymal Stem Cells from Adipose Tissue 쥐 지방 유래 중간엽줄기세포(rAT-MSCs)	>750,000 Cells/vial	Cryopreserved
	ISB-24012R			Proliferating
3	ISB-24021R	Rat Skeletal Muscle Stem Cells(rMDSCs) 쥐 골격근 유래 성체줄기세포	>750,000 Cells/vial	Cryopreserved
	ISB-24022R			Proliferating
4	ISB-24031R	Rat Peripheral Nerve Stem Cells(rPNSCs) 쥐 신경 유래 성체줄기세포	>750,000 Cells/vial	Cryopreserved
	ISB-24032R			Proliferating
5	ISB-24041R	Rat Myocardium Stem Cells(rMyoCSCs) 쥐 심근 유래 성체줄기세포	>750,000 Cells/vial	Cryopreserved
	ISB-24042R			Proliferating
6	ISB-24051R	Rat Spinal Cord Stem Cells(rSCSCs) 쥐 척수 유래 신경줄기세포	>750,000 Cells/vial	Cryopreserved
	ISB-24052R			Proliferating
7	ISB-24061R	Rat Dorsal Root Ganglion Stem Cells(rDRGSCs) 쥐 후근신경절 유래 신경줄기세포	>750,000 Cells/vial	Cryopreserved
	ISB-24062R			Proliferating

iNNoST-Cell list

Mouse

No.	Cat.#	Product name	Unit	Type
1	ISB-24001M	Mouse Mesenchymal Stem Cells from Bon Marrow 생쥐 골수 유래 중간엽줄기세포(mBM-MSCs)	>750,000 Cells/vial	Cryopreserved
	ISB-24002M			Proliferating
2	ISB-24011M	Mouse Mesenchymal Stem Cells from Adipose Tissue 생쥐 지방 유래 중간엽줄기세포(mAT-MSCs)	>750,000 Cells/vial	Cryopreserved
	ISB-24012M			Proliferating
3	ISB-24021M	Mouse Skeletal Muscle Stem Cells(mMDSCs) 생쥐 골격근 유래 성체줄기세포	>750,000 Cells/vial	Cryopreserved
	ISB-24022M			Proliferating
4	ISB-24031M	Mouse Peripheral Nerve Stem Cells(mPNSCs) 생쥐 신경 유래 성체줄기세포	>750,000 Cells/vial	Cryopreserved
	ISB-24032M			Proliferating
5	ISB-24041M	Mouse Myocardium Stem Cells(mMyoCSCs) 생쥐 심근 유래 성체줄기세포	>750,000 Cells/vial	Cryopreserved
	ISB-24042M			Proliferating

Rabbit

No.	Cat.#	Product name	Unit	Type
1	ISB-24001RB	Rabbit Mesenchymal Stem Cells from Bon Marrow 토끼 골수 유래 중간엽줄기세포(mBM-MSCs)	>750,000 Cells/vial	Cryopreserved
	ISB-24002RB			Proliferating
2	ISB-24011RB	Rabbit Mesenchymal Stem Cells from Adipose Tissue 토끼 지방 유래 중간엽줄기세포(mAT-MSCs)	>750,000 Cells/vial	Cryopreserved
	ISB-24012RB			Proliferating
3	ISB-24021RB	Rabbit Skeletal Muscle Stem Cells(mMDSCs) 토끼 골격근 유래 성체줄기세포	>750,000 Cells/vial	Cryopreserved
	ISB-24022RB			Proliferating
4	ISB-24031RB	Rabbit Myocardium Stem Cells(mMyoCSCs) 토끼 심근 유래 성체줄기세포	>750,000 Cells/vial	Cryopreserved
	ISB-24032RB			Proliferating

iNNoST-Cell list

Others

No.	Cat.#	Product name	Unit	Type
1	ISB-24001P	Porcine Mesenchymal Stem Cells from Adipose Tissue 미니피그 지방 유래 중간엽줄기세포(pAT-MSCs)	>750,000 Cells/vial	Cryopreserved
	ISB-24002P			Proliferating
2	ISB-24011P	Porcine Skeletal Muscle Stem Cells(pMDSCs) 미니피그 골격근 유래 성체줄기세포	>750,000 Cells/vial	Cryopreserved
	ISB-24012P			Proliferating
3	ISB-24021P	Porcine Mesenchymal Stem Cells from Myocardium 미니피그 심근 유래 성체줄기세포	>750,000 Cells/vial	Cryopreserved
	ISB-24022P			Proliferating
4		Customized Primary Stem Cells, Animal Origin 의뢰자 맞춤 동물 줄기세포	>10,000,000 Cells/vial	Cryopreserved
				Proliferating

Reagents

No.	Cat.#	Product name	Unit
1	ISB-24001	MSC Growth Supplement(100X) 중간엽줄기세포 성장 첨가제(100X)	1 mL/vial
2	ISB-24012	Cryo Cell Thawing Solution A & B (2X) 동결세포 해동액 A & B (2X)	A ; 50mL/Bottle B ; 100mL/Bottle
3	ISB-24021	Chemical-Defined Cryopreservation Solution(2X) 화학적 조성 동결보존 용액(2X)	50mL/Bottle

CONTACT US



www.innostem-bio.com



+82 051-890-6871



75 Bokji-ro, Busanjin-gu, Busan, South Korea



info@innostembio.com

LET'S START PLANNING YOUR
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