

Mesenchymal stem cell culture

Designed to support every stage of your human mesenchymal stem cell applications

Cell sourcing



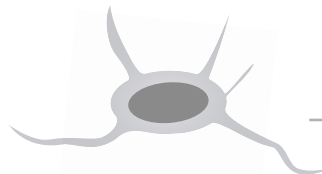
Bone marrow



Adipose tissue

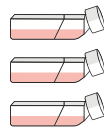


Umbilical cord

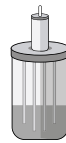


Mesenchymal stem cell

Expansion



2D expansion

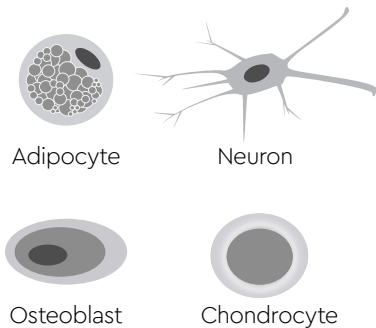


Bioreactor 3D expansion

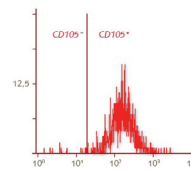
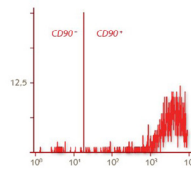
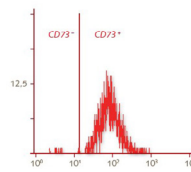


Excipient GMP-grade manufacturing

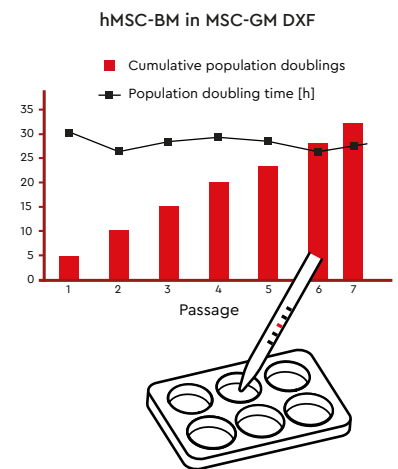
Functional analyses



Differentiation




Flow cytometry




Cellular assay

Human Mesenchymal Stem Cells



Product	Marker	Cat. No.
Human Mesenchymal Stem Cells from Bone Marrow (hMSC-BM)	CD105 ⁺ /CD73 ⁺	C-12974
Human Mesenchymal Stem Cells from Umbilical Cord Matrix (hMSC-UC)	CD90 ⁺ and CD45 ⁻ /CD34 ⁻	C-12971
Human Mesenchymal Stem Cells from Adipose Tissue (hMSC-AT)	CD14 ⁻ /CD19 ⁻ HLA-DR ⁻	C-12977


MSC Isolation and Expansion Media



Product	Size	Cat. No.
Mesenchymal Stem Cell Growth Medium 2 (Ready-to-use)	500 ml	C-28009
Mesenchymal Stem Cell Growth Medium XF * (Ready-to-use)	500 ml	C-28019
Mesenchymal Stem Cell Growth Medium XF * (Ready-to-use), phenol red-free	500 ml	C-28018
PromoExQ MSC Growth Medium XF * (Manufactured in compliance with the EXCiPACT™ GMP certification standard)	500 ml	EQ-C-28019

* Fibronectin- or vitronectin-coated plates are necessary in conjunction with the xeno-free (XF) media

MSC Differentiation Media



Product	Size	Cat. No.
MSC Adipogenic Differentiation Medium 2 (Ready-to-use)	100 ml	C-28016
Mesenchymal Stem Cell Chondrogenic Differentiation Medium (Ready-to-use) with or without inducers	100 ml each	C-28012/ C-28014
Mesenchymal Stem Cell Osteogenic Differentiation Medium (Ready-to-use)	100 ml	C-28013
Mesenchymal Stem Cell Neurogenic Differentiation Medium (Ready-to-use)	100 ml	C-28015

Contact Us

Do you need cells from a specific donor type or from an already HLA-typed donor?
Visit <https://promocell.com/research-areas/stem-cell-research/> to find out more or contact us with your donor requirements: info@promocell.com

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