



Miltenyi Biotec

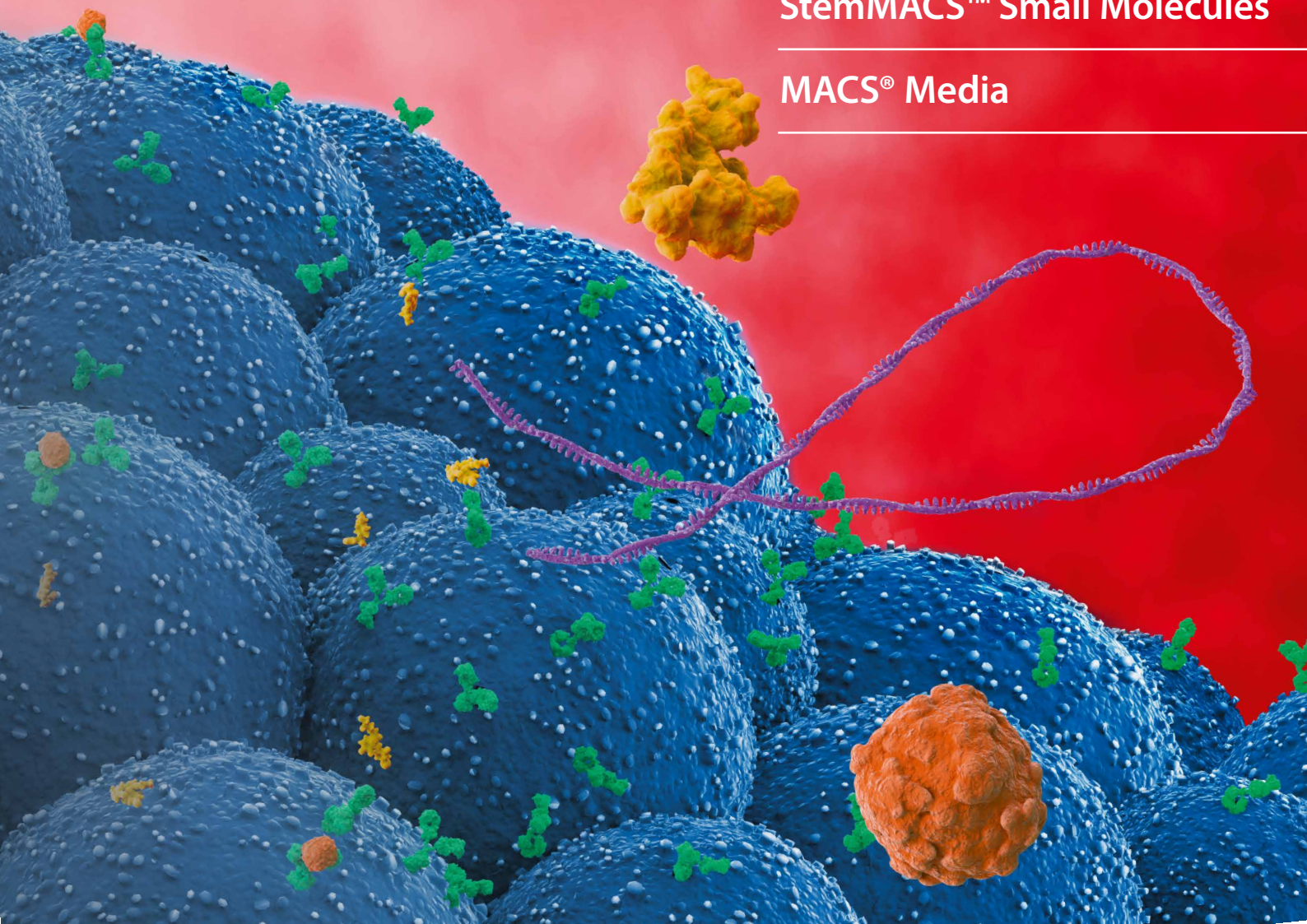
Culture is key

Cell culture reagents for your stem cell research

MACS® Premium-Grade
Cytokines

StemMACS™ Small Molecules

MACS® Media



Product lists

ES/iPS cell maintenance

Product	Quantity	Order no.
Human TGF- β 1 , premium grade*	5 μ g	130-095-067
	25 μ g	130-095-066
	100 μ g	130-108-969
	1000 μ g (liquid)	130-108-971
Human FGF-2 , premium grade*	10 μ g	130-093-839
	50 μ g	130-093-840
	100 μ g	130-093-564
	1000 μ g	130-093-842
Mouse LIF, premium grade	10 μ g	130-095-777
	25 μ g	130-095-778
	100 μ g	130-095-779
	10x100 μ g	130-099-895
StemMACS™ Thiazovivin	1 mg	130-104-461
	0.5 mg (liquid)	130-106-542
StemMACS Y27632	2 mg	130-103-922
	5x2 mg	130-104-169
	2 mg (liquid)	130-106-538
StemMACS Trilineage Differentiation Kit, human	for 12 assays	130-115-660
StemMACS iPS-Brew XF, human*	500 mL	130-104-368

Cardiovascular differentiation from ES/iPS cells

Product	Quantity	Order no.
Human BMP-4, premium grade	10 μ g	130-111-164
	25 μ g	130-111-167
	100 μ g	130-111-165
	1000 μ g	130-111-166
Human Activin A, premium grade	10 μ g	130-115-008
	25 μ g	130-115-009
	100 μ g	130-115-010
	1000 μ g	130-115-011
Human FGF-2 , premium grade*	10 μ g	130-093-839
	50 μ g	130-093-840
	100 μ g	130-093-564
	1000 μ g	130-093-842
StemMACS IWP-2	2 mg	130-105-335
StemMACS IWP-4	2 mg	130-110-488
StemMACS IWR-1-endo	5 mg	130-110-491

SAMPLE REQUEST



Request a sample at

► miltenyibiotec.com/mediacytokinesample

Hepatic differentiation from ES/iPS cells

Product	Quantity	Order no.
Human Activin A, premium grade	10 μ g	130-115-008
	25 μ g	130-115-009
	100 μ g	130-115-010
	1000 μ g	130-115-011
Human HGF, research grade	5 μ g	130-093-871
	25 μ g	130-093-872
	100 μ g	130-103-437
Human FGF-10, research grade	25 μ g	130-093-850
	100 μ g	130-108-973
Human FGF-4, premium grade	10 μ g	130-109-389
	25 μ g	130-109-390
	100 μ g	130-109-394
	1000 μ g	130-109-391
Human EGF, premium grade*	100 μ g	130-097-749
	500 μ g	130-097-750
	1000 μ g	130-097-751
StemMACS CHIR99021	2 mg	130-103-926
	5x2 mg	130-104-172
	2 mg (liquid)	130-106-539
StemMACS Retinoic Acid	50 mg	130-117-339
StemMACS SB431542	5 mg	130-105-336
	2x5 mg	130-106-275
	5 mg (liquid)	130-106-543

Pancreatic differentiation from ES/iPS cells

Product	Quantity	Order no.
Human Activin A, premium grade	10 μ g	130-115-008
	25 μ g	130-115-009
	100 μ g	130-115-010
	1000 μ g	130-115-011
Human Noggin, research grade	5 μ g	130-103-454
	20 μ g	130-103-455
	100 μ g	130-103-456
	1000 μ g	130-108-982
Human FGF-7, premium grade	10 μ g	130-097-173
	25 μ g	130-097-178
	100 μ g	130-097-176
Human FGF-2, premium grade*	10 μ g	130-093-839
	50 μ g	130-093-840
	100 μ g	130-093-564
	1000 μ g	130-093-842
Human BMP-4, premium grade	10 μ g	130-111-164
	25 μ g	130-111-167
	100 μ g	130-111-165
	1000 μ g	130-111-166
Human EGF, premium grade*	100 μ g	130-097-749
	500 μ g	130-097-750
	1000 μ g	130-097-751
StemMACS CHIR99021	2 mg	130-103-926
	5x2 mg	130-104-172
	2 mg (liquid)	130-106-539
StemMACS TPPB	1 mg	130-117-338
StemMACS Retinoic Acid	50 mg	130-117-339

Intestinal cell differentiation from ES/iPS cells

Product	Quantity	Order no.
Human Activin A, premium grade	10 µg	130-115-008
	25 µg	130-115-009
	100 µg	130-115-010
	1000 µg	130-115-011
Human FGF-4, premium grade	10 µg	130-109-389
	25 µg	130-109-390
	100 µg	130-109-394
	1000 µg	130-109-391
Human R-Spondin 1, research grade	5 µg	130-105-799
	20 µg	130-105-800
	100 µg	130-108-978
	500 µg	130-114-824
Human R-Spondin 2, research grade	5 µg	130-105-803
	20 µg	130-105-802
Human R-Spondin 3, research grade	5 µg	130-105-801
	20 µg	130-105-804
Human Noggin, research grade	5 µg	130-103-454
	20 µg	130-103-455
	100 µg	130-103-456
	1000 µg	130-108-982
Human EGF, premium grade*	100 µg	130-097-749
	500 µg	130-097-750
	1000 µg	130-097-751
StemMACS™ CHIR99021	2 mg	130-103-926
	5×2 mg	130-104-172
	2 mg (liquid)	130-106-539

Neural differentiation from ES/iPS cells

Product	Quantity	Order no.
Human FGF-8b, premium grade	10 µg	130-095-737
	25 µg	130-095-738
	100 µg	130-095-740
	1000 µg	130-095-741
Human NGF-β, research grade	5 µg	130-093-971
	20 µg	130-093-972
	100 µg	130-103-441
	1000 µg	130-108-980
Human BDNF, research grade	2 µg	130-096-285
	10 µg	130-093-811
	100 µg	130-096-286
	1000 µg	130-103-435
Human CNTF, research grade	5 µg	130-096-337
	20 µg	130-096-336
	100 µg	130-108-972
Human SHH (C24II), premium grade	10 µg	130-095-721
	25 µg	130-095-723
	100 µg	130-095-727
	1000 µg	130-095-730
StemMACS SB431542	5 mg	130-105-336
	2×5 mg	130-106-275
	5 mg (liquid)	130-106-543
StemMACS LDN-193189	5 mg	130-103-925
	2×5 mg	130-104-171
	5 mg (liquid)	130-106-540
MACS NeuroBrew®-21	10 ml	130-093-566
	10 ml (w/o Vitamin A)	130-097-263
MACS Neuro Medium	500 ml	130-093-570

HSC expansion and differentiation

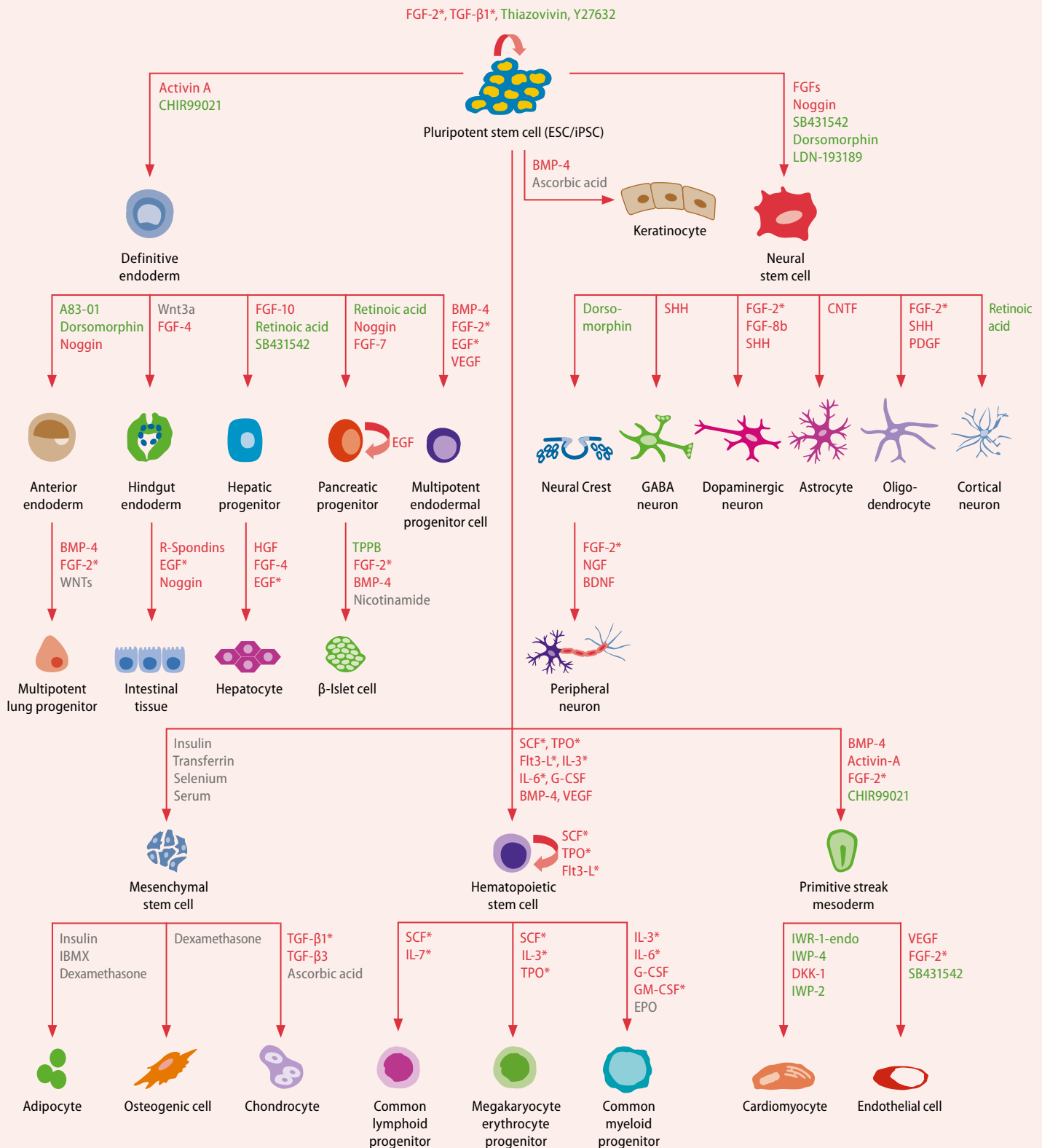
Product	Quantity	Order no.
Human SCF, premium grade*	10 µg	130-096-693
	25 µg	130-096-694
	100 µg	130-096-695
	1000 µg	130-096-696
Human Flt3-Ligand, premium grade*	10 µg	130-096-476
	25 µg	130-096-477
	100 µg	130-096-479
	1000 µg	130-096-480
Human TPO, premium grade*	10 µg	130-095-747
	25 µg	130-095-750
	100 µg	130-095-752
	1000 µg	130-095-754
Human IL-3, premium grade*	10 µg	130-095-071
	25 µg	130-095-070
	100 µg	130-095-069
	1000 µg	130-095-068
Human IL-6, premium grade*	10 µg	130-095-352
	25 µg	130-093-931
	100 µg	130-093-932
	500 µg	130-093-933
StemMACS HSC Expansion Cocktail, human	1000 µg	130-093-934
	for 100 mL medium	130-100-843
StemMACS HSC Expansion Media XF, human*	100 mL	130-100-473
	500 mL	130-100-463

MSC expansion and differentiation

Product	Quantity	Order no.
Human FGF-2, premium grade*	10 µg	130-093-839
	25 µg	130-093-840
	100 µg	130-093-564
	1000 µg	130-093-842
Human VEGF (165) IS, premium grade	10 µg	130-109-395
	25 µg	130-109-396
	100 µg	130-109-385
	1000 µg	130-109-386
Human PDGF-BB IS, premium grade	10 µg	130-108-163
	25 µg	130-108-162
	100 µg	130-108-161
	1000 µg	130-108-160
Human TGF-β1, premium grade*	5 µg	130-095-067
	25 µg	130-095-066
	100 µg	130-108-969
	1000 µg (liquid)	130-108-971
StemMACS MSC Expansion Media Kit XF, human*	500 mL	130-104-182
StemMACS ChondroDiff Media, human	100 mL	130-091-679
StemMACS AdipoDiff Media, human	100 mL	130-091-677
StemMACS OsteoDiff Media, human	100 mL	130-091-678

*Selected products also available in MACS® GMP Grade

Cell culture reagents for stem cell differentiation



Legend

■ Available from Miltenyi Biotec

*available also in MACS® GMP Grade

■ StemMACS™ Small Molecules

■ Product not available

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Cell culture is key for efficient and reliable research

Cell culture is a crucial part of stem cell research. Using standardized and proven reagents guarantees optimal culture conditions. Miltenyi Biotec's cell culture and stimulation portfolio offers a specialized and versatile range of cell culture media and reagents for the expansion and differentiation of various multi- and pluripotent stem cells.



Cell culture media

- Serum-free composition
- Specialty media for primary cells
- High-quality growth factors



MACS® Premium-Grade Cytokines

- Lot-specific activity
- High reproducibility
- Flexible custom production



StemMACS™ Small Molecules

- Chemically defined
- Highly pure
- Ready-to-use in solution

► miltenyibiotec.com/cellculture



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