

Human iPSC-derived MSCs for scalable and translational research

ReproMSCs are human iPSC-derived mesenchymal stromal cells (iMSCs) engineered for consistency, scalability, and reproducibility. They demonstrate low lot-to-lot variability and multi-lineage differentiation potential into adipocytes, chondrocytes, and osteocytes.

Research-Grade iMSCs

ReproMSC3 / ReproMSC4

- Generated using our StemRNA™ 3rd Gen RNA Reprogramming Technology
- Standardized iMSCs for research and assay development
- Consistent, scalable iPSC-to-MSC differentiation platform

Research-Grade iMSCs derived from Clinical iPSCs

ReproMSC10 / ReproMSC12

- Generated from [StemRNA™ Clinical Pilot iPSC lines](#)
- Clinically relevant cell lineage for translational research
- Supporting preclinical development and cell therapy workflows

Engineered Advanced iMSCs

ReproMSC14 — Hypoimmune iMSCs

- Generated from our [StemEdit B2M/CIITA knockout iPSC line \(#RCRP052\)](#)
- Reduced immune recognition profile
- Designed for allogeneic cell therapy research

ReproMSC16 — Immortalized iMSCs

- Engineered with hTERT + SV40
- Enhanced expansion capacity and reproducibility
- Optimized for scalable research and process development

ReproMSC18 — Immortalized Hypoimmune iMSCs

- Combines hypoimmune engineering and immortalization in a single iMSC platform
- Reduced immune recognition with sustained proliferative capacity
- Enhanced scalability, reproducibility, and manufacturing consistency

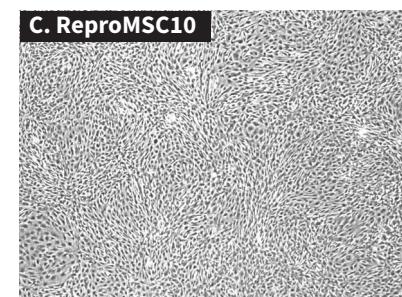
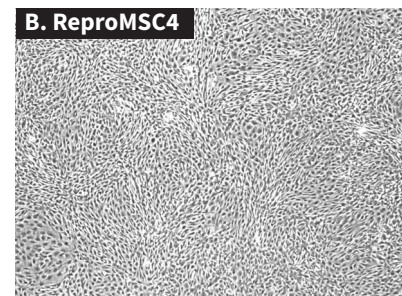
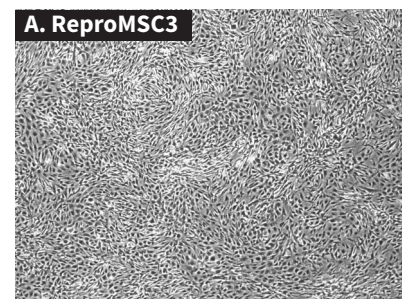


Figure 1. (A.) ReproMSC3 in MSC NutriStem medium (#01-0006), (B.) ReproMSC4 and (C.) ReproMSC10 in MSC NutriStem medium, Phenol Red-free (#01-0007), all at passage 8, showing morphology consistent with conventional MSCs.

<https://www.reprocell.com/product-catalog/mesenchymal-stem-cells>



Product Name	Product Code	Donor Race	Donor Sex	Donor Age	Donor Clinical Status
Repro MSC3	RCRP025	Asian-Indian	Female	20	Healthy
Repro MSC4	RCRP026	Asian-Indian	Female	20	Healthy
Repro MSC10	RCRP038	Caucasian	Female	22	Healthy
Repro MSC12	RCRP049	Caucasian	Male	23	Healthy
ReproMSC16 hTERT SV40	RCRP056	Caucasian	Male	23	Healthy
ReproMSC14 StemEdit B2M/CIITA DKO	RCRP057	Caucasian	Female	22	Healthy
ReproMSC18 StemEdit iMSC B2M/ CIITA DKO hTERT SV40	RCRP058	Caucasian	Female	22	Healthy

All products are phenol red-free except Repro MSC3, making them ideal for exosome studies.

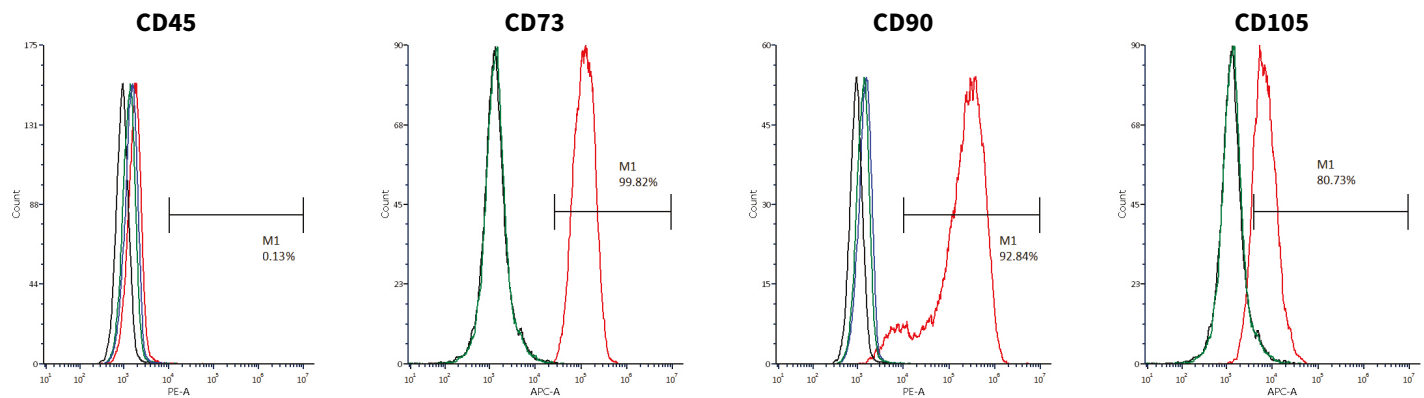


Figure 2. Repro MSC3 were cultured in MSC NutriStem XF Medium, Phenol Red-free (#01-0006) on NutriCoat™ Attachment Solution (#05-0063).

Note: These iMSC cell lines are developed for research use only. They are NOT suitable for use in clinical projects. MSCs for clinical use are also available. Please contact info-us@reprocell.com for more information.

Related Products Available From REPROCELL

Product Name	Product Code	Pack Size
MSC NutriStem™ Medium	01-0006	500 mL
MSC NutriStem™ Medium (phenol red free)*	01-0007	500 mL
MSC NutriStem® XF Supplement Mix	05-0061	3 mL
NutriCoat™ Attachment Solution	05-0063	1.5 mL
StemRNA™ 3 rd Gen Reprogramming Kit	00-0076	1 kit

*Phenol red-free products are recommended for culturing all ReproMSC lines except ReproMSC3, as well as client-specific iPSC-derived MSC lines intended for exosome production.



REPROCELL BRANDS

