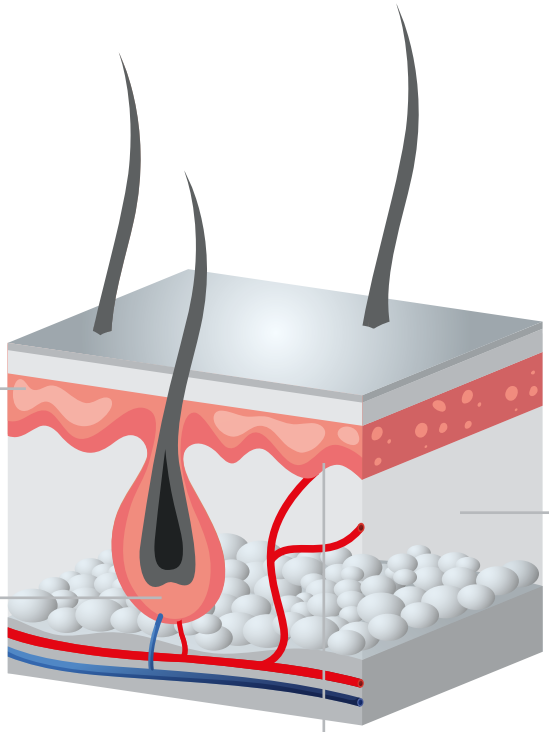
Build more predictive human skin models

PromoCell®

Optimized media for consistent culture conditions

Can you trust your skin model to truly reflect human biology? Even small variations in cell culture can compromise months of your research.

Building predictive human skin models requires consistent cell culture conditions. Our optimized growth media support reliable cultivation of key skin cell types for long-term culture, advanced 3D skin models, and translational dermatology research.



Keratinocyte culture

Skin barrier research

- Keratinocyte differentiation
- Epidermal homeostasis
- Inflammatory skin diseases

Solution:
Keratinocyte Growth Medium 2
C-20011
Keratinocyte Growth Medium 3
C-20021

Fibroblast culture

Wound healing & regeneration:

- Tissue repair
- Scar formation

Solution:
Fibroblast Growth Medium
C-23010
Fibroblast Growth Medium 2
C-23020
Fibroblast Growth Medium 3
C-23025

Follicle dermal papilla cell culture

Hair & follicle biology:

- Hair follicle function
- Dermal papilla cell studies
- Hair regeneration research

Solution:
Follicle Dermal Papilla Cell Growth Medium
C-26501

Melanocyte culture

Pigmentation Research:

- Melanocyte biology
- Melanogenesis
- Pigmentation disorders
- Melanoma studies

Solution:
Melanocyte Growth Medium
C-24010
Melanocyte Growth Medium M3
C-24310

Key considerations for skin cell culture

Research need	PromoCell advantage	Outcome enabled
Reproducible cell culture	Optimized formulations for each cell type	Generation of robust and consistent datasets
Long-term studies	Specialized media supporting extended cultivation	Investigation of prolonged cellular responses
Physiologically relevant models	Designed for primary human cells	Improved translatability of *in vitro* findings to human biology
Complex skin models	Support for multiple skin cell types	Establishment of multicellular and 3D skin models
Defined culture conditions	Serum-free and animal component-free options available for selected media	Reduced variability and smoother transition toward regulated workflows
Sensitive downstream assays	Phenol red-free options available for selected media	Reduced optical background during experiments
Safety-conscious product development	BPA-free formulations available for selected media	Support for studies requiring reduced exposure to endocrine-active compounds



Discover more

Explore our human dermal cell types
Visit our dermatological research area page

Contact us

Need different cell types from the same donor, an HLA-typed donor, or interested in donor reservation options? Contact us: info@promocell.com

Need an animal component-free (ACF) medium for GMP applications?
Our Custom GMP Services provide tailored media solutions to support your requirements.
Contact us: gmp@promocell.com

PromoCell GmbH
Sickingenstr. 63/65
69126 Heidelberg
Germany

info@promocell.com
www.promocell.com

USA/Canada
Phone: 1 – 866 – 251 – 2860 (toll free)
Fax: 1 – 866 – 827 – 9219 (toll free)

Deutschland
Telefon: 0800 – 776 66 23 (gebührenfrei)
Fax: 0800 – 100 83 06 (gebührenfrei)

France
Téléphone: 0800 – 90 93 32 (ligne verte)
Téléfax: 0800 – 90 27 36 (ligne verte)

United Kingdom
Phone: 0800 96 03 33 (toll free)
Fax: 0800 169 85 54 (toll free)

Other Countries
Phone: +49 6221 – 649 34 0
Fax: +49 6221 – 649 34 40

© PromoCell GmbH

10/2026