

Human Dermal Microvascular Endothelial Cells – adult

Cat. No. ARP0027, 5×10^5 cells/vial

Description

Research on the Human Dermal Microvascular Endothelial Cells is essential to the study of psoriasis, atopic dermatitis, and chronic wounds. The skin is the largest organ of the body, covering the entire external surface. It has three layers: epidermis, dermis, and hypodermis. The skin functions in protection, temperature regulation, sensory perception, immunology, and the production of vitamin D. The Human Dermal Microvascular Endothelial Cells are to be used with Human Dermal Microvascular Endothelial Cell Medium (Cat. No. ACM0027). This product is intended for laboratory in vitro use only. It is not intended for diagnostic, therapeutic, or clinical applications.

Specification

Cell Type: Microvascular Endothelial Cells

Tissue/Organ: Skin

Disease: N/A

Species: Homo sapiens (Human)

Genetic Background: N/A

Markers: CD31, vWF

Symbols: HDMEC(a)

Shipping & Storage

Shipping condition: Frozen on dry ice.

Storage condition: Liquid nitrogen (LN₂) cryopreservation.

Intended Use

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Culturing Guidance

Morphology: N/A

Growth Mode: N/A

Temperature: 37°C

Atmosphere: 5% CO₂

Unpacking and Storage Instructions

1. Visually inspect all packaging components for integrity and verify adequate dry ice.
If any damage is observed, notify Ascent Technical Support immediately.
2. Prioritize transfer to liquid nitrogen vapor phase storage system (-130°C or below).
Secondary option: -80°C mechanical freezer (short-term storage only).
Always maintain temperature strictly below -65°C.

Disclaimer

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This document was last updated on June 20, 2025.