www.ascentresearch.com
+1-202-949-4794
info@ascentresearch.com

Rat Subcutaneous Microvascular Endothelial Cells

Cat. No. ARP0331, 5×10⁵ cells/vial

Description

Research on the Rat Subcutaneous Microvascular Endothelial Cells is essential to the study of trauma, infection, shock, tumors, diabetic wound healing disorders, pressure sores, and subcutaneous fibrosis. 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 Rat Subcutaneous Microvascular Endothelial Cells are to be used with Rat Subcutaneous Microvascular Endothelial Cell Medium (Cat. No. ACM0331). 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: Normal

Species: Rattus norvegicus (Rat)

Genetic Background: N/A

Markers: von Willebrand Factor (vWF)

Symbols: RSMEC

Shipping & Storage

Shipping condition: Frozen on dry ice.

Storage condition: Liquid nitrogen (LN_2) cryopreservation.

Intended Use

This product is intended for laboratory in vitro use only. It is not intended for diagnostic, therapeutic, or clinical applications.

Culturing Guidance

Morphology: Cobblestone-like, Irregular

Growth Mode: Adherent

Temperature: 37°C

Atmosphere: 5% CO_2

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

Ascent Research endeavors to provide accurate and up-to-date product information. However, no warranties or representations are made regarding its completeness or reliability. References to scientific literature and patents are for informational purposes only, and the customer assumes sole responsibility for verifying their accuracy.

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