

Rat Spinal Cord Microvascular Endothelial Cells

Cat. No. ARP0358, 5×10^5 cells/vial

Description

Research on the Rat Spinal Cord Microvascular Endothelial Cells is essential to the study of spinal cord injury, amyotrophic lateral sclerosis (ALS), and spinal cord ischemia. The spine, or spinal column, provides structural support to the nervous system, protecting the spinal cords and nerves. The Rat Spinal Cord Microvascular Endothelial Cells are to be used with Rat Spinal Cord Microvascular Endothelial Cell Medium (Cat. No. ACM0358). 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: Spinal Cord

Disease: N/A

Species: Rattus norvegicus (Rat)

Genetic Background: N/A

Markers: von Willebrand Factor (vWF)

Symbols: RSCMEC

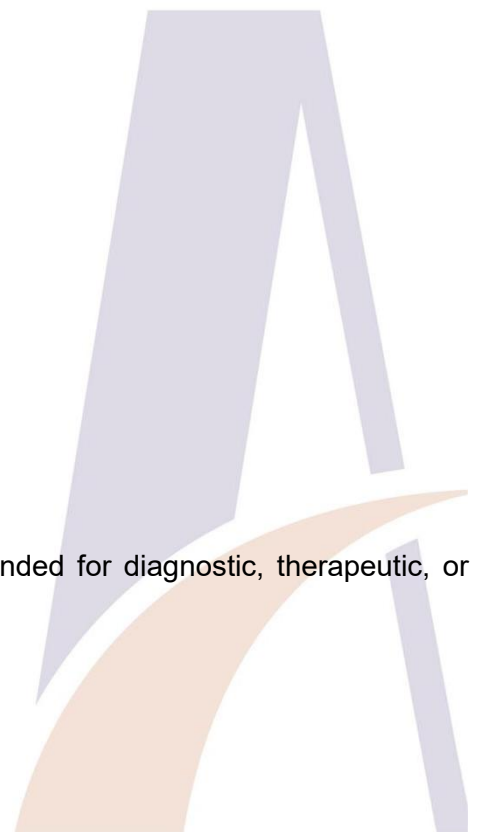
Shipping & Storage

Shipping condition: Frozen on dry ice.

Storage condition: Liquid nitrogen (LN₂) cryopreservation.

Intended Use

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Culturing Guidance

Morphology: Cobblestone-like, Irregular

Growth Mode: Adherent

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

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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