

Human Perineurial Cells

Cat. No. ARP0104, 5×10^5 cells/vial

Description

Research on the Human Perineurial Cells is essential to the study of compressive neuropathies (e.g., carpal tunnel syndrome), hereditary neuropathy with liability to pressure palsies (HNPP), perineuriomas, diabetic peripheral neuropathy, and post-traumatic nerve fibrosis. The spinal cord is a long and cylindrical cord of nerve tissue enclosed in a tubular structure, called the spinal canal. It extends from the base of the brain to the lower back and acts as a communication channel that transmits nerve signals between the brain and the rest of the body. The Human Perineurial Cells are to be used with Human Perineurial Cell Medium (Cat. No. ACM0104). This product is intended for laboratory in vitro use only. It is not intended for diagnostic, therapeutic, or clinical applications.

Specification

Cell Type: N/A

Tissue/Organ: Peripheral nervous system (spinal nerve)

Disease: N/A

Species: Homo sapiens (Human)

Genetic Background: N/A

Markers: Vimentin

Symbols: HPC

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

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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