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Human Spinal Cord Astrocytes

Cat. No. ARP0109, 5×10⁵ cells/vial

Description

Research on the Human Spinal Cord Astrocytes is essential to the study of spinal cord injury, spastic paraplegia, HTLV-1-associated myelopathy, spinal muscular atrophy, and transverse myelitis. 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 Spinal Cord Astrocytes are to be used with Human Spinal Cord Astrocyte Medium (Cat. No. ACM0109). This product is intended for laboratory in vitro use only. It is not intended for diagnostic, therapeutic, or clinical applications.

Specification

Cell Type: Neuroglial Cells

Tissue/Organ: Spinal cord

Disease: N/A

Species: Homo sapiens (Human)

Genetic Background: N/A

Markers: Glial Fibrillary Acidic Protein (GFAP)

Symbols: HSCA

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: N/A

Growth Mode: N/A

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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This document was last updated on June 20, 2025.