

Rat Spinal Cord Astrocytes

Cat. No. ARP0380, 5×10^5 cells/vial

Description

Research on the Rat 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 spine, or spinal column, provides structural support to the nervous system, protecting the spinal cords and nerves. The Rat Spinal Cord Astrocytes are to be used with Rat Spinal Cord Astrocytes Medium (Cat. No. ACM0380). 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: *Rattus norvegicus* (Rat)

Genetic Background: N/A

Markers: Glial Fibrillary Acidic Protein (GFAP)

Symbols: RSCA

Shipping & Storage

Shipping condition: Frozen on dry ice.

Storage condition: Liquid nitrogen (LN₂) cryopreservation.

Intended Use

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Culturing Guidance

Morphology: 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.

By accepting this product, the customer acknowledges and agrees to assume all risks associated with its receipt, handling, storage, disposal, and use, including compliance with all applicable safety and environmental regulations and precautions. Relevant laws, regulations, and ethical guidelines must be followed in conducting any research, modifications, or derivatives derived from this product.

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This document was last updated on June 20, 2025.