

Rat Satellite Glial Cells

Cat. No. ARP0343, 5×10^5 cells/vial

Description

Research on the Rat Satellite Glial Cells is essential to the study of neuropathic pain, dorsal root ganglion (DRG) sensitization, chemotherapy-induced peripheral neuropathy, and nerve injury models. The spine, or spinal column, provides structural support to the nervous system, protecting the spinal cords and nerves. The Rat Satellite Glial Cells are to be used with Rat Satellite Glial Cell Medium (Cat. No. ACM0343). 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: Peripheral nervous system

Disease: N/A

Species: Rattus norvegicus (Rat)

Genetic Background: N/A

Markers: Glial Fibrillary Acidic Protein (GFAP)

Symbols: RSGC

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

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