

Mouse Schwann Cells

Cat. No. ARP0612, 5×10^5 cells/vial

Description

Research on the Mouse Schwann Cells is essential to the study of Charcot-Marie-Tooth disease, Guillain-Barré syndrome, chronic inflammatory demyelinating polyneuropathy (CIDP), traumatic nerve injury, and schwannomas (including NF2-related vestibular schwannomas). The sciatic nerve is a large nerve in the body. It originates in the lower back and travels posteriorly through the lower limb. Sciatica, a common condition causing pain, occurs when the sciatic nerve is compressed or irritated. The Mouse Schwann Cells are to be used with Mouse Schwann Cell Medium (Cat. No. ACM0612). 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 (sciatic nerve)

Disease: Normal

Species: *Mus musculus* (Mouse)

Genetic Background: N/A

Markers: S100, GFAP

Symbols: MSC

Shipping & Storage

Shipping condition: Frozen on dry ice.

Storage condition: Liquid nitrogen (LN₂) cryopreservation.

Intended Use

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Culturing Guidance

Morphology: Elongated fusiform, 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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