

Mouse Spinal Cord Neurons

Cat. No. ARP0611, 5×10^5 cells/vial

Description

Research on the Mouse Spinal Cord Neurons is essential to the study of spinal cord injury, amyotrophic lateral sclerosis (ALS), spasticity, neuropathic pain, and autonomic dysreflexia. 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 Mouse Spinal Cord Neurons are to be used with Mouse Spinal Cord Neuron Medium (Cat. No. ACM0611). This product is intended for laboratory in vitro use only. It is not intended for diagnostic, therapeutic, or clinical applications.

Specification

Cell Type: Neurons

Tissue/Organ: Spinal cord

Disease: Normal

Species: *Mus musculus* (Mouse)

Genetic Background: N/A

Markers: Neuron-Specific Enolase (NSE)

Symbols: MSCN

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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