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Mouse Cerebral Microvascular Endothelial Cells

Cat. No. ARP0605, 5×10^5 cells/vial

Description

Research on the Mouse Cerebral Microvascular Endothelial Cells is essential to the study of stroke, Alzheimer's disease, multiple sclerosis, cerebral small vessel disease, and brain metastases. The brain is the main component of the central nervous system (CNS) and is located within the cranial cavity. It consists of several major parts: the cerebrum, diencephalon, cerebellum, and brainstem. The brain is responsible for processing information, regulating bodily functions, and enabling cognition, emotions, and behavior. Together with the spinal cord, the brain forms the central nervous system. The Mouse Cerebral Microvascular Endothelial Cells are to be used with Mouse Cerebral Microvascular Endothelial Cell Medium (Cat. No. ACM0605). This product is intended for laboratory in vitro use only. It is not intended for diagnostic, therapeutic, or clinical applications.

Specification

Cell Type: Microvascular Endothelial Cells

Tissue/Organ: Brain

Disease: N/A

Species: Mus musculus (Mouse)

Genetic Background: N/A

Markers: von Willebrand Factor (vWF)

Symbols: MCMEC

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: Cobblestone-like, Irregular

Growth Mode: Adherent

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

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