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Human Retinal Müller Cells

Cat. No. ARP1198, 0.5 million cells/vial

Description

Retinal Müller cells are the most abundant glial cells in the retina, serving as support cells for the neurons. They're crucial in maintaing retinal hemostasis. Human Retinal Müller Cells can be used in the research on conditions, like macular edema (DME), retinopathy, epiretinal membrane, glaucoma.

Specification

Cell Type: Glial cell

Tissue/Organ: Eye (retina)

Disease: Normal

Species: Homo sapiens (Human)

Genetic Background: N/A

Markers: N/A

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: N/A

Growth Mode: N/A

Temperature: 37℃

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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