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Human Liver Sinusoidal Endothelial Cells

Cat. No. ARP0066, 5×10⁵ cells/vial

Description

Research on the Human Liver Sinusoidal Endothelial Cells is essential to the study of liver ischemia-reperfusion injury, portal hypertension, hepatic metastasis, sinusoidal obstruction syndrome (SOS), and metabolic liver diseases. The liver is the largest solid organ in the body, located in the upper right portion of the abdomen, beneath the diaphragm. It plays a crucial role in various functions, including blood filtration, detoxification, nutrient metabolism, and bile secretion, to help maintain bodily balance. Common liver diseases include hepatitis, fatty liver, and cirrhosis. The Human Liver Sinusoidal Endothelial Cells are to be used with Human Liver Sinusoidal Endothelial Cell Medium (Cat. No. ACM0066). This product is intended for laboratory in vitro use only. It is not intended for diagnostic, therapeutic, or clinical applications.

Specification

Cell Type: Endothelial Cells

Tissue/Organ: Liver

Disease: N/A

Species: Homo sapiens (Human)

Genetic Background: N/A

Markers: CD31, vWF

Symbols: HLSEC

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°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

Ascent Research endeavors to provide accurate and up-to-date product information. However, no warranties or representations are made regarding its completeness or reliability. References to scientific literature and patents are for informational purposes only, and the customer assumes sole responsibility for verifying their accuracy.

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