

Human Pancreatic Microvascular Endothelial Cells

Cat. No. ARP0057, 5×10^5 cells/vial

Description

Research on the Human Pancreatic Microvascular Endothelial Cells is essential to the study of pancreatic cancer, transplantation, diabetes-related islet dysfunction, chronic pancreatitis, and acute pancreatitis. The pancreas is an important gland in the digestive system. It is located in the abdomen, behind the stomach. It produces digestive enzymes to assist in breaking down food, and secretes insulin and glucagon to regulate blood glucose. Researchers often study its functions for endocrine disorders, such as type 1 and type 2 diabetes. The Human Pancreatic Microvascular Endothelial Cells are to be used with Human Pancreatic Microvascular Endothelial Cell Medium (Cat. No. ACM0057). 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: Pancreas

Disease: N/A

Species: Homo sapiens (Human)

Genetic Background: N/A

Markers: CD31, vWF

Symbols: HPMEC

Shipping & Storage

Shipping condition: Frozen on dry ice.

Storage condition: Liquid nitrogen (LN₂) cryopreservation.

Intended Use

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Culturing Guidance

Morphology: N/A

Growth Mode: N/A

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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