

Human Umbilical Vein Endothelial Cells

Cat. No. ARP0172, 5×10^5 cells/vial

Description

Research on the Human Umbilical Vein Endothelial Cells is essential to the study of preeclampsia, intrauterine growth restriction (IUGR), gestational diabetes-related endothelial dysfunction, umbilical vein thrombosis, and viral infections affecting placental vasculature. The umbilical vein is one of three blood vessels in the umbilical cord. It delivers oxygenated and nutrient-rich blood from the placenta to the fetus. The Human Umbilical Vein Endothelial Cells are to be used with Human Umbilical Vein Endothelial Cell Medium (Cat. No. ACM0172). 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: Umbilical cord (umbilical vein)

Disease: N/A

Species: Homo sapiens (Human)

Genetic Background: N/A

Markers: CD31, vWF

Symbols: HUVEC

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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