

Human Renal Epithelial Cells

Cat. No. ARP0152, 5×10^5 cells/vial

Description

Research on the Human Renal Epithelial Cells is essential to the study of immune renal injury, polycystic kidney disease, renal tubular acidosis, and cortical necrosis. The kidneys are two bean-shaped organs responsible for the excretion and regulation of the body's fluids. Its primary functions are filtering blood, removing waste, and excess water to produce urine. Common disorders include nephritis, kidney stones, and kidney failure. The Human Renal Epithelial Cells are to be used with Human Renal Epithelial Cell Medium (Cat. No. ACM0152). This product is intended for laboratory in vitro use only. It is not intended for diagnostic, therapeutic, or clinical applications.

Specification

Cell Type: Epithelial Cells

Tissue/Organ: Kidney

Disease: N/A

Species: Homo sapiens (Human)

Genetic Background: N/A

Markers: Cytokeratin 18, Cytokeratin 19

Symbols: HREC

Shipping & Storage

Shipping condition: Frozen on dry ice.

Storage condition: Liquid nitrogen (LN₂) cryopreservation.

Intended Use

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Culturing Guidance

Morphology: Epithelial-like

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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