

# Human Mesenteric Fibroblasts

Cat. No. ARP0046,  $5 \times 10^5$  cells/vial

## Description

Research on the Human Mesenteric Fibroblasts is essential to the study of mesenteric fibrosis, Crohn's disease, postoperative adhesions, mesenteric panniculitis, intestinal stricture formation, and radiation-induced mesenteric injury. The mesentery is a double-layered membrane that connects the intestines to the abdominal wall. It contains blood vessels, nerves, and lymphatic vessels that supply the intestines, helping to anchor them in place, support nutrient transport, and participate in immune regulation. The Human Mesenteric Fibroblasts are to be used with Human Mesenteric Fibroblast Medium (Cat. No. ACM0046). This product is intended for laboratory in vitro use only. It is not intended for diagnostic, therapeutic, or clinical applications.

## Specification

Cell Type: Fibroblasts

Tissue/Organ: Mesentery

Disease: N/A

Species: Homo sapiens (Human)

Genetic Background: N/A

Markers: Fibronectin

Symbols: HMF

## Shipping & Storage

Shipping condition: Frozen on dry ice.

Storage condition: Liquid nitrogen (LN<sub>2</sub>) 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<sub>2</sub>

## 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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