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Human Intestinal Fibroblasts

Cat. No. ARP0050, 5×10^5 cells/vial

Description

Research on the Human Intestinal Fibroblasts is essential to the study of wound healing, Crohn's strictures, radiation enteritis, postoperative adhesions, and stromal-driven colorectal cancer progression. The intestine, also known as the bowel, is a long, muscular tube that extend from the stomach to the anus. It plays a crucial role in the digestive system, with its primary functions being food digestion and nutrient absorption. The intestine is divided into two main sections: the small intestine and the large intestine, each contributing to different stages of digestion and waste processing. The Human Intestinal Fibroblasts are to be used with Human Intestinal Fibroblast Medium (Cat. No. ACM0050). 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: Intestine

Disease: N/A

Species: Homo sapiens (Human)

Genetic Background: N/A

Markers: Fibronectin

Symbols: HIF

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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