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Human Gallbladder Fibroblasts

Cat. No. ARP0070, 5×10^5 cells/vial

Description

Research on the Human Gallbladder Fibroblasts is essential to the study of early stages of acute cholecystitis, wound healing, chronic cholecystitis fibrosis, gallstone-related tissue remodeling, post-surgical strictures, and gallbladder wall thickening in adenomyomatosis. The gallbladder is a pear-shaped organ located beneath the liver and plays an important role in the digestive system. Its main function is to store and concentrate bile, a digestive fluid produced by the liver that helps digest fats. When food, especially fatty food, is consumed, the gallbladder releases bile into the small intestine to aid in digestion. The health of the gallbladder is influenced by diet and lifestyle habits. Common gallbladder-related conditions include cholecystitis (inflammation), gallstones, and gallbladder polyps. The Human Gallbladder Fibroblasts are to be used with Human Gallbladder Fibroblast Medium (Cat. No. ACM0070). 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: Gallbladder

Disease: N/A

Species: Homo sapiens (Human)

Genetic Background: N/A

Markers: Fibronectin

Symbols: HGF

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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This document was last updated on June 20, 2025.