

Rat Gastric Mucosal Fibroblasts

Cat. No. ARP0248, 5×10^5 cells/vial

Description

Research on the Rat Gastric Mucosal Fibroblasts is essential to the study of gastric fibrosis, peptic ulcer scarring, radiation-induced gastric wall thickening, and stroma remodeling in gastric cancer. The stomach is a part of the digestive system that is located between the esophagus and the small intestine. It can primarily digest food and enable food to pass into the duodenum. The Rat Gastric Mucosal Fibroblasts are to be used with Rat Gastric Mucosal Fibroblast Medium (Cat. No. ACM0248). 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: Stomach

Disease: Normal

Species: *Rattus norvegicus* (Rat)

Genetic Background: N/A

Markers: Fibronectin, Vimentin

Symbols: RGMF

Shipping & Storage

Shipping condition: Frozen on dry ice.

Storage condition: Liquid nitrogen (LN₂) cryopreservation.

Intended Use

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Culturing Guidance

Morphology: Triangular, Irregular

Growth Mode: Adherent

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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