

# Rat Gingival Fibroblasts

Cat. No. ARP0402,  $5 \times 10^5$  cells/vial

## Description

Research on the Rat Gingival Fibroblasts is essential to the study of drug-induced gingival hyperplasia, periodontitis-related tissue destruction, oral lichen planus fibrosis, gingival recession, and wound healing complications. The gingiva, or gums, is the soft tissue surrounding the tooth. The Rat Gingival Fibroblasts are to be used with Rat Gingival Fibroblast Medium (Cat. No. ACM0402). 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: Oral cavity (gingiva)

Disease: Normal

Species: *Rattus norvegicus* (Rat)

Genetic Background: N/A

Markers: Fibronectin, Vimentin

Symbols: RGF

## 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: Fibroblast-like



Growth Mode: Adherent

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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