

# Rat Oral Mucosal Fibroblasts

Cat. No. ARP0412,  $5 \times 10^5$  cells/vial

## Description

Research on the Rat Oral Mucosal Fibroblasts is essential to the study of denture-induced fibrous hyperplasia, oral fibrosis models, periodontal ligament remodeling studies, and implant osseointegration research. The oral mucosa is the soft tissue lining of the oral cavity. It mainly functions to protect the underlying tissue and prevent microorganisms. The Rat Oral Mucosal Fibroblasts are to be used with Rat Oral Mucosal Fibroblast Medium (Cat. No. ACM0412). 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 (mucosa)

Disease: N/A

Species: *Rattus norvegicus* (Rat)

Genetic Background: N/A

Markers: Vimentin

Symbols: ROMF

## 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: Elongated fusiform, Irregular

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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