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# Rabbit Tendon Fibroblasts

Cat. No. ARP0815, $5\times10^5$ cells/vial

## Description

Research on the Rabbit Tendon Fibroblasts is essential to the study of tendinopathy, rotator cuff tears, post-surgical tendon adhesions, and collagen disorganization in Ehlers-Danlos models. The Achilles tendon is the strongest in the body. It is located above the heel and connects the triceps surae muscles (gastrocnemius and soleus) to the calcaneus (heel bone). It is responsible for foot flexion, walking, running, jumping, and other movements. Its strength and elasticity are crucial for physical performance. The Rabbit Tendon Fibroblasts are to be used with Rabbit Tendon Fibroblast Medium (Cat. No. ACM0815). 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: Tendon (achilles tendon)

Disease: N/A

Species: Oryctolagus cuniculus (Rabbit)

Genetic Background: N/A

Markers: Fibronectin, Vimentin

Symbols: RaTF

## 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: Elongated fusiform, Irregular

Growth Mode: Adherent

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

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This document was last updated on June 20, 2025.