

Rat Skeletal Muscle Fibroblasts

Cat. No. ARP0317, 5×10^5 cells/vial

Description

Research on the Rat Skeletal Muscle Fibroblasts is essential to the study of fibrotic myopathies, post-injury scar formation, muscular dystrophy models, and tendon-muscle interface healing studies. Skeletal muscle is one of the three muscle tissues in the body, the other two are cardiac muscle and smooth muscle. It attaches to bones to enable movement. The Rat Skeletal Muscle Fibroblasts are to be used with Rat Skeletal Muscle Fibroblast Medium (Cat. No. ACM0317). 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: Muscle (skeletal muscle)

Disease: Normal

Species: *Rattus norvegicus* (Rat)

Genetic Background: N/A

Markers: Vimentin

Symbols: RSMF

Shipping & Storage

Shipping condition: Frozen on dry ice.

Storage condition: Liquid nitrogen (LN₂) cryopreservation.

Intended Use

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Culturing Guidance

Morphology: Elongated fusiform, 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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