

Mouse Tenocytes

Cat. No. ARP0574, 5×10^5 cells/vial

Description

Research on the Mouse Tenocytes is essential to the study of Achilles tendinosis, calcific tendonitis, repetitive strain injuries, and tendon healing studies. A tendon is a tough, rope-like fibrous connective tissue. It connects muscles to the bone and transmits the force from muscle contraction to the bone, which allows for movement at joints. The Mouse Tenocytes are to be used with Mouse Tenocyte Medium (Cat. No. ACM0574). This product is intended for laboratory in vitro use only. It is not intended for diagnostic, therapeutic, or clinical applications.

Specification

Cell Type: N/A

Tissue/Organ: Tendon

Disease: N/A

Species: Mus musculus (Mouse)

Genetic Background: N/A

Markers: Collagen I

Symbols: MT

Shipping & Storage

Shipping condition: Frozen on dry ice.

Storage condition: Liquid nitrogen (LN₂) cryopreservation.

Intended Use

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Culturing Guidance

Morphology: 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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