

Rat Synovial Fibroblasts

Cat. No. ARP0315, 5×10^5 cells/vial

Description

Research on the Rat Synovial Fibroblasts is essential to the study of rheumatoid arthritis (adjuvant-induced/CIA models), osteoarthritis progression, joint fibrosis, post-traumatic synovitis, and hemophilic arthropathy. A joint is the structure that connects two or more bones. It is composed of bones, cartilage, synovial fluid, ligaments, and other components. Its primary functions are to provide structural support, cushion mechanical stress, and allow flexible movement. The Rat Synovial Fibroblasts are to be used with Rat Synovial Fibroblast Medium (Cat. No. ACM0315). 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: Joint

Disease: Normal

Species: *Rattus norvegicus* (Rat)

Genetic Background: N/A

Markers: Vimentin

Symbols: RSF

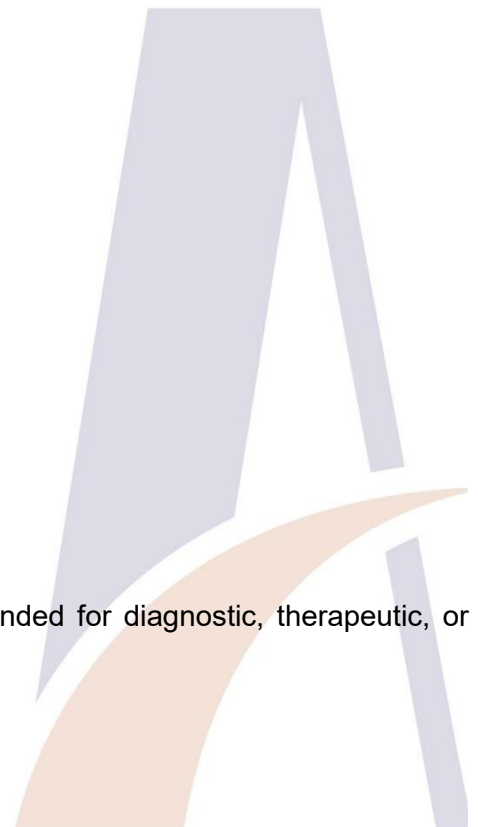
Shipping & Storage

Shipping condition: Frozen on dry ice.

Storage condition: Liquid nitrogen (LN₂) cryopreservation.

Intended Use

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Culturing Guidance

Morphology: Fibroblast-like

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

Ascent Research endeavors to provide accurate and up-to-date product information. However, no warranties or representations are made regarding its completeness or reliability. References to scientific literature and patents are for informational purposes only, and the customer assumes sole responsibility for verifying their accuracy.

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This document was last updated on June 20, 2025.