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Rabbit Annulus Fibrosus Cells

Cat. No. ARP0805, 5×10^5 cells/vial

Description

Research on the Rabbit Annulus Fibrosus Cells is essential to the study of cellular and molecular events involved in disc degeneration, tissue engineering and cell therapy for spinal disc disorders. The intervertebral disc is a fibrocartilaginous structure located between the vertebrae. It consists of an outer fibrous ring (annulus fibrosus) and a gel-like core (nucleus pulposus). It acts as a shock absorber to maintain the flexibility and stability of the spine. Degeneration or external trauma can lead to disc herniation, causing symptoms such as pain or numbness. The Rabbit Annulus Fibrosus Cells are to be used with Rabbit Annulus Fibrosus Cell Medium (Cat. No. ACM0805). 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: Intervertebral disc

Disease: Normal

Species: Oryctolagus cuniculus (Rabbit)

Genetic Background: N/A

Markers: Collagen II, Collagen I

Symbols: RaAFC

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: Polygonal, 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

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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