

Rat Embryonic Fibroblasts

Cat. No. ARP0415, 5×10^5 cells/vial

Description

Research on the Rat Embryonic Fibroblasts is essential to the study of cellular reprogramming studies, teratoma formation models, extracellular matrix research, and developmental biology. The embryo refers to the early developmental form of an organism, formed after fertilization as the zygote undergoes multiple rounds of cell division and differentiation. In developmental biology, the embryo represents the earliest stage of development. The Rat Embryonic Fibroblasts are to be used with Rat Embryonic Fibroblast Medium (Cat. No. ACM0415). 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: Embryo

Disease: Normal

Species: *Rattus norvegicus* (Rat)

Genetic Background: N/A

Markers: Vimentin

Symbols: REF

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

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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