

MC3T3-E1 Subclone 24

Cat. No. ARI0246, 1×10^6 cells/vial

Description

MC3T3-E1 Subclone 24 cell line is a subclone of MC3T3-E1 cell line, a human osteoblast cell line. A series of subclones are isolated from the cloned MC3T3-E1 cells for studying the osteoblast differentiation. MC3T3-E1 subclone 24 showed low differentiation after growth in medium containing ascorbic acid.

Specification

Cell Type: Osteoblast cell line

Tissue/Organ: Bone

Derived from Site: Bone, calvaria

Disease: N/A

Species: Mus musculus (Mouse)

Genetic Background: C57BL/6.

Marker: N/A

Sex of Donor: Unknown

Age: 1 day

Immortalization Method: N/A

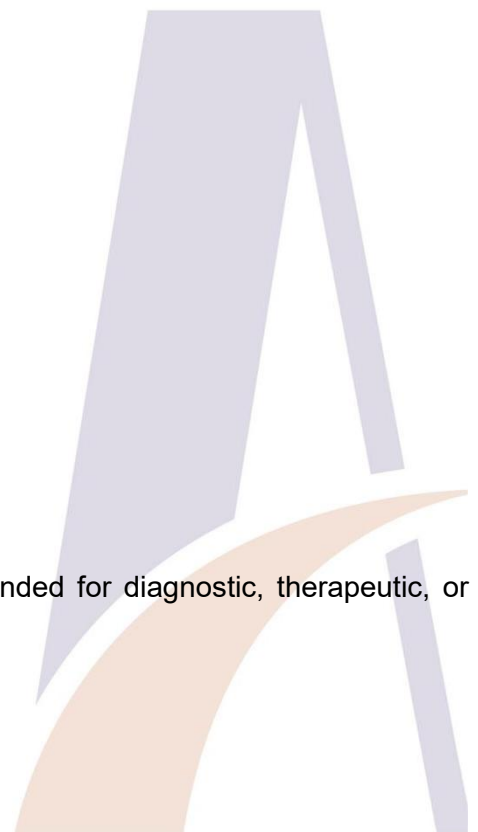
Shipping & Storage

Shipping condition: Frozen on dry ice.

Storage condition: Liquid nitrogen (LN₂) 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: 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

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