

MC3T3-E1 Subclone 14

Cat. No. ARI0077, 1×10^6 cells/vial

Description

MC3T3-E1 Subclone 14 is a spontaneously immortalized cell line of osteoblast, derived from the calvaria.

Specification

Cell Type: Osteoblast

Tissue/Organ: Bone (calvaria)

Derived from Site: Calvaria

Disease: N/A

Species: Mus musculus (Mouse)

Genetic Background: N/A

Marker: N/A

Sex of Donor: Unknown

Age: Neonate

Immortalization Method: Spontaneously

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: N/A



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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