

# MC3T3-E1

Cat. No. ARI0076,  $1 \times 10^6$  cells/vial

## Description

MC3T3-E1 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: C57BL/6

Marker: N/A

Sex of Donor: Unknown

Age: Neonate

Immortalization Method: Spontaneously

## Shipping & Storage

Shipping condition: Frozen on dry ice.

Storage condition: Liquid nitrogen (LN<sub>2</sub>) 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% CO<sub>2</sub>

## 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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