

MLO-Y4

Cat. No. ARI0083, 1×10^6 cells/vial

Description

MLO-Y4 is an immortalized cell line of osteocytes transformed by Simian virus 40 (SV40).

Specification

Cell Type: Osteocyte

Tissue/Organ: Bone

Derived from Site: long bone

Disease: N/A

Species: Mus musculus (Mouse)

Genetic Background: N/A

Marker: N/A

Sex of Donor: Unknown

Age: 14 days

Immortalization Method: Simian virus 40 (SV40)

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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