

HEI-OC1

Cat. No. ARI0051, 1×10^6 cells/vial

Description

HEI-OC1 is an immortalized cell line of cochlear hair cells transformed by Simian virus 40 (SV40).

Specification

Cell Type: Cochlear hair cells
Tissue/Organ: Ear (organ of Corti)
Derived from Site: organ of Corti
Disease: N/A
Species: Mus musculus (Mouse)
Genetic Background: CBA/Ca x C57BL/10
Marker: N/A
Sex of Donor: Unknown
Age: 7 days
Immortalization Method: Simian virus 40 (SV40)

Shipping & Storage

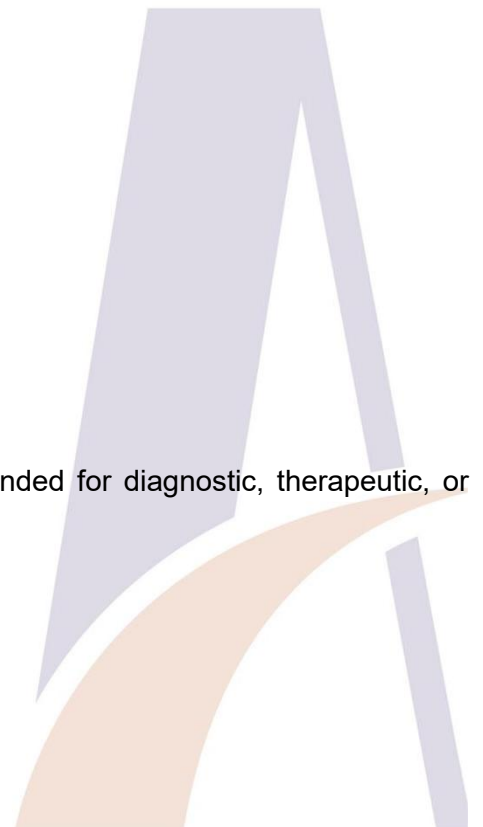
Shipping condition: Frozen on dry ice.
Storage condition: Liquid nitrogen (LN₂) cryopreservation.

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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