

NE-4C

Cat. No. ARI0248, 1×10^6 cells/vial

Description

NE-4C is a neuroepithelial cell line, established from cerebral vesicles of 9-day-old mouse embryos lacking functional p53 gene. NE-4C cells are able to differentiate into neurons and astrocytes, induced by retinoic acid (RA). It is widely used in neuroscience research.

Specification

Cell Type: Neural stem cell

Tissue/Organ: Brain

Derived from Site: Brain, neuroectodermal

Disease: N/A

Species: Mus musculus (Mouse)

Genetic Background: C57BL/6 x 129/Sv-Trp53^{-/-}.

Marker: N/A

Sex of Donor: Unknown

Age: Embryo

Immortalization Method: N/A

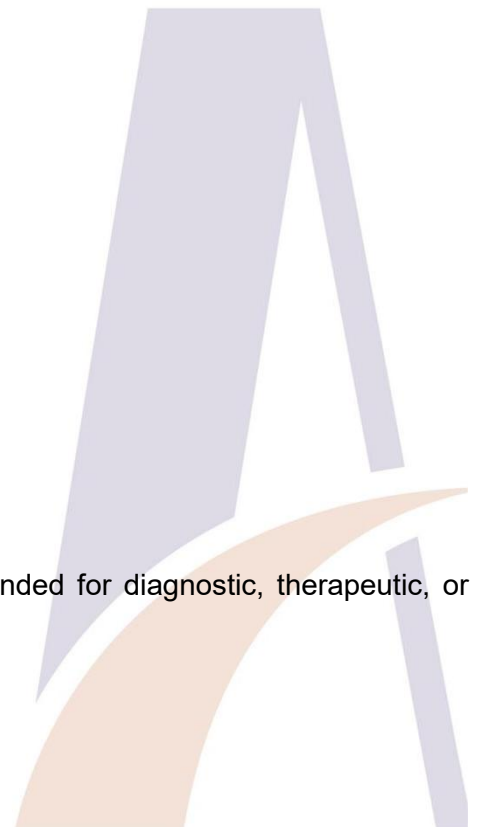
Shipping & Storage

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: Neuroepithelial-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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