

MN9D

Cat. No. ARI0226, 1×10^6 cells/vial

Description

MN9D is a hybridoma cell line generated by fusing embryonic mouse mesencephalic neurons with N18TG2 neuroblastoma cells. It produces dopamine and expresses key enzymes such as tyrosine hydroxylase (TH) and aromatic amino acid decarboxylase (AADC). MN9D cells are widely used as an in vitro model for dopaminergic neuron function and Parkinson's disease research.

Specification

Cell Type: Hybrid cell line (hybridoma)

Tissue/Organ: N/A

Derived from Site: N/A

Disease: N/A

Species: Mus musculus (Mouse)

Genetic Background: C57BL/6J \times A/Jax

Sex of Donor: Unknown

Age: Embryo (14 days)

Shipping & Storage

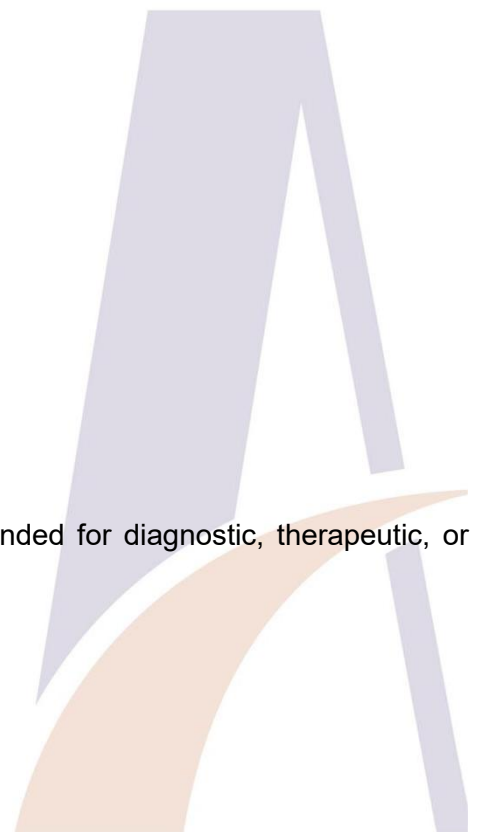
Shipping condition: Frozen on dry ice.

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: Epithelial-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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