

Npc1 Knockout MIN6 Cell Line

Cat. No. ARG0584, 1×10^6 cells/vial

Description

The Npc1 Knockout MIN6 Cell Line is a knockout cell line. The gene/protein Npc1 was knocked out in the MIN6 cell line by the CRISPR system or other editing tools. After selection and expansion, the modified cells become a knockout stable cell line.

Specification

Type: Knockout

Gene/Protein: Npc1

Identifiers: NCBI Gene ID 18145

Gene Species: Mus musculus (Mouse)

Cell Information

Host Cell: MIN6

Sex of Donor: Unknown

Age: 13 weeks

Tissue/Organ: Pancreas (islets of Langerhans)

Disease: Insulinoma

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

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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