

MUC1 Knockout MDA-MB-231 Cell Line

Cat. No. ARG0556, 1×10^6 cells/vial

Description

The MUC1 Knockout MDA-MB-231 Cell Line is a knockout cell line. The gene/protein MUC1 was knocked out in the MDA-MB-231 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: MUC1

Identifiers: NCBI Gene ID 4582

Gene Species: Homo sapiens (Human)

Cell Information

Host Cell: MDA-MB-231

Sex of Donor: Female

Age: 51 years

Tissue/Organ: Breast (mammary gland)

Disease: Adenocarcinoma

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

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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This document was last updated on June 20, 2025.