

Smurf2 Knockout MC-38 Cell Line

Cat. No. ARG0537, 1×10^6 cells/vial

Description

The Smurf2 Knockout MC-38 Cell Line is a knockout cell line. The gene/protein Smurf2 was knocked out in the MC-38 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: Smurf2

Identifiers: NCBI Gene ID 66313

Gene Species: Mus musculus (Mouse)

Cell Information

Host Cell: MC-38

Sex of Donor: Female

Age: Unknown

Tissue/Organ: Large intestine (colon)

Disease: 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: 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.