

# USP22 Knockout HCCLM3 Cell Line

Cat. No. ARG0268,  $1 \times 10^6$  cells/vial

## Description

The USP22 Knockout HCCLM3 Cell Line is a knockout cell line. The gene/protein USP22 was knocked out in the HCCLM3 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: USP22

Identifiers: NCBI Gene ID 23326

Gene Species: Homo sapiens (Human)

## Cell Information

Host Cell: HCCLM3

Sex of Donor: N/A

Age: 39 years

Tissue/Organ: Liver

Disease: Hepatocellular carcinoma

## Shipping & Storage

Shipping condition: Frozen on dry ice.

Storage condition: Liquid nitrogen (LN<sub>2</sub>) 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% CO<sub>2</sub>

## 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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