

# Gpaa1 Knockout 4T1-luc Cell Line

Cat. No. ARG0040,  $1 \times 10^6$  cells/vial

## Description

The Gpaa1 Knockout 4T1-luc Cell Line is a knockout cell line. The gene/protein Gpaa1 was knocked out in the 4T1-luc 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: Gpaa1

Identifiers: NCBI Gene ID 14731

Gene Species: Mus musculus (Mouse)

## Cell Information

Host Cell: 4T1-luc

Sex of Donor: Female

Age: Unknown

Tissue/Organ: Breast (mammary gland)

Disease: Malignant neoplasm

## 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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