

# BT-549 Luciferase Stable Cell Line

Cat. No. ARG0160,  $1 \times 10^6$  cells/vial

## Description

The BT-549 Luciferase Stable Cell Line is a derivative of the BT-549 cell line with the reporter gene/protein Luciferase. After selection and expansion, the modified cells become a Luciferase reporter stable cell line. The reporter gene is typically used to label and track the host cells or tag the proteins for function analysis.

## Specification

Type: Reporter

Gene/Protein: Luciferase

Identifiers: N/A

Gene Species: N/A

## Cell Information

Host Cell: BT-549

Sex of Donor: Female

Age: 72 years

Tissue/Organ: Breast (mammary gland)

Disease: Ductal 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: Epithelial-like

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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