

GL261-Luc | 305662

Product description

Description

GL261-Luc is a lentiviral vector construct encoding the luciferase gene (Luc2) under the control of the minimal promoter of the human CD261 gene. The construct is flanked by LTRs and contains a polyA signal. The vector is packaged in a lentiviral particle and is used for stable transduction of target cells.

Organism

Human

Tissue

CD261+ cells

Disease

CD261+ cells

Product characteristics

Breed/Subspecies

C57BL/6

Growth properties

Stable

Product information

Citation

GL-261-Luc (Cytion: 305662)

Biosafety level

1

NCBI_TaxID

10090

CellosaurusAccession

CVCL_C9CB

GMO Status

GMO-S1: GL261-Luc (Cytion: 305662) (lentiviral-Luc)

Product usage

Protein expression

High

Antigen expression

Luc2 (Cytion: 305662)

Product sheet

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GL261-Luc

Culture Medium DMEM 4.5 g/l, 4 mM, 3.7 g/l, 1.0 mM (82)

Supplements 10% FBS

Dissociation Reagent

Subculturing PBS

Seeding density 1 x 10⁴ cells

Fluid renewal 2-3 times

Freeze medium + 10% DMSO

- Thawing and Culturing Cells**
1. Thaw cells in a 37°C water bath.
 2. Centrifuge cells at 300 x g for 5 minutes.
 3. Wash cells with PBS.
 4. Resuspend cells in 70% FBS.
 5. Seed cells into a 15 cm² flask.
 6. Incubate cells for 24-48 hours.
 7. Monitor cell growth.

Incubation Atmosphere 37°C, 5% CO₂

Shipping Conditions -78°C

Product sheet

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