

HK-CRISPR-Nup62-mEGFP | 300659

Product description

Description HK-CRISPR-Nup62-mEGFP is a cell line derived from HeLa cells, which are transformed by the expression of the Nup62 gene under the control of the HK-CRISPR system. The cells are stably transfected with the mEGFP gene, which is expressed under the control of the HK-CRISPR system. The cells are grown in DMEM medium supplemented with 10% FBS. The cells are maintained in a humidified atmosphere of 5% CO₂ at 37°C.

Organism Human

Tissue Epithelial cells

Disease None

Cell characteristics

Age 30 days

Gender Male

Ethnicity Caucasian

Morphology Epithelial cells, adherent

Growth properties High

Genetic information

Citation HK-CRISPR-Nup62-mEGFP (Cytion 300659)

Biosafety level 1

NCBI_TaxID 9606

Depositor Cytion (EMBL)

GMO Status GMO-S1: HeLa Kyoto cells expressing Nup62-mEGFP under the control of the HK-CRISPR system.

Genetic information

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Freezing
Procedure

1. The cells are grown in 150 cm² flasks to 80% confluency. 2. The cells are trypsinized and counted. 3. The cells are resuspended in 10 ml of freezing medium (DMEM, 10% FBS, 10% DMSO). 4. The cells are aliquoted into 1 ml vials. 5. The vials are frozen in a controlled rate freezer at -1°C/min to -80°C. 6. The vials are stored at -80°C.

Shipping
Conditions

1. The cells are shipped in dry ice. 2. The shipping container is cooled to -78°C.

Storage
Conditions

1. The cells are stored at -80°C. 2. The storage medium is DMEM, 10% FBS, 10% DMSO. 3. The storage time is up to 12 months.

CRISPR-Cas9 System

Sterility

1. The cells are grown in sterile conditions. 2. The cells are trypsinized and counted. 3. The cells are resuspended in sterile medium. 4. The cells are aliquoted into sterile vials. 5. The vials are frozen in a controlled rate freezer at -1°C/min to -80°C. 6. The vials are stored at -80°C.