

HK-CRISPR-mEGFP-RanBP2/Nup358 | 301575

Product description

Description

HK-CRISPR-mEGFP-Nup358 is a cell line derived from HeLa cells, expressing mEGFP under the control of the HK-CRISPR system. The cell line is maintained in DMEM supplemented with 10% FBS and 1% penicillin/streptomycin.

HeLa Kyoto is a cell line derived from HeLa cells, expressing mEGFP under the control of the HK-CRISPR system. The cell line is maintained in DMEM supplemented with 10% FBS and 1% penicillin/streptomycin.

Organism

HeLa

Tissue

Epithelial cells

Disease

None

Product information

Age

30 days

Gender

Male

Ethnicity

HeLa Kyoto

Morphology

Epithelial cells, adherent

Growth properties

High

Product information

Citation

HK-CRISPR-mEGFP-Nup358 (HeLa Kyoto) (301575)

Biosafety level

1

NCBI_TaxID

9606

CellosaurusAccession

CVCL_B7FS

Depositor

HeLa Kyoto (EMBL)

GMO Status

GMO-S1: HeLa Kyoto cells expressing mEGFP under the control of the HK-CRISPR system. The cell line is maintained in DMEM supplemented with 10% FBS and 1% penicillin/streptomycin.

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Supplements 10x FBS

Subculturing

Freeze medium α MEM + 10% FBS + 10% DMSO

Incubation Atmosphere

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Flask Coating

100 µg/ml

Freezing Procedure

1. Seed cells into a 24-well plate at a density of 100,000 cells per well. 2. Allow cells to reach confluence. 3. Remove medium and wash cells with PBS. 4. Add 1 ml of freezing medium (DMEM + 10% FBS + 10% DMSO) to each well. 5. Incubate for 15 minutes. 6. Transfer cells to a 1.5 ml microcentrifuge tube. 7. Centrifuge at 300g for 5 minutes. 8. Remove supernatant and resuspend cells in 100 µl of freezing medium. 9. Aliquot into 0.5 ml cryovials. 10. Store at -80 °C.

Shipping Conditions

Cells are shipped in a dry ice container at -80 °C.

Storage Conditions

Cells can be stored at -150 °C to -196 °C for up to 12 months.

100,000 cells per well

Sterility

Cells are grown in the presence of antibiotics (100 µg/ml penicillin, 100 µg/ml streptomycin, 100 µg/ml neomycin) and fungicides (0.1 µg/ml amphotericin B). Cells are tested for mycoplasma contamination using PCR. Cells are tested for sterility using a sterility test kit.