

HK EGFP-LaminB1/H2B-mCherry | 300919

Product Information

Description HK EGFP-LaminB1/H2B-mCherry is an in vitro HeLa Kyoto cell line expressing EGFP-Lamin B1 and H2B-mCherry. The cells are used for studying nuclear structure and dynamics in real-time.

Organism HeLa

Tissue Cell Culture

Disease None

Synonyms HeLa Kyoto EGFP-LaminB1-H2B-mCherry

Cell Culture

Age 30 days

Gender Male

Ethnicity African American

Morphology Adherent, epithelial

Growth properties High growth rate, easy to maintain

Documentation

Citation HK EGFP-LaminB1/H2B-mCherry (Cytion 300919)

Biosafety level 1

NCBI_TaxID 9606

CellosaurusAccession CVCL_UR41

Depositor Cytion GmbH (EMBL)

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Thawing and Culturing Cells

1. Thaw the cells in a water bath at 37°C. Gently mix the cells and transfer them to a pre-warmed medium.
2. Seed the cells into a pre-warmed flask. Incubate at 37°C with 5% CO₂ until cells reach 70% confluency.
3. Harvest the cells by trypsinization. Seed into a new flask with fresh medium.
4. Incubate at 37°C with 5% CO₂ until cells reach 70% confluency.
5. Harvest the cells by trypsinization. Seed into a new flask with fresh medium.
6. Incubate at 37°C with 5% CO₂ until cells reach 70% confluency.
7. Harvest the cells by trypsinization. Seed into a new flask with fresh medium.
8. Incubate at 37°C with 5% CO₂ until cells reach 70% confluency.

Incubation Atmosphere

37°C, 5% CO₂, humidified

Flask Coating

None

Freezing Procedure

Resuspend cells in freezing medium. Transfer to a cryovial and store at -80°C.

Shipping Conditions

Store at -80°C. Ship on dry ice.

Storage Conditions

Store at -150°C for 196 weeks.

HLA

Sterility

PCR screening for mycoplasma contamination. Sterility confirmed.