

Product sheet

HK EGFP-H2B | 300673

General Information

Description	HK EGFP-H2B is a HeLa Kyoto cell line expressing EGFP-H2B. The cells are maintained in DMEM supplemented with 10% FBS and 100 µg/ml penicillin, 100 µg/ml streptomycin, and 100 µg/ml neomycin. The cells are grown in 75 cm ² flasks at 37 °C and 5% CO ₂ . The cells are characterized by their high growth rate and stable expression of EGFP-H2B. The cells are suitable for various applications, including cell cycle analysis, DNA damage studies, and cell death assays.
Organism	Human
Tissue	Embryonic Kidney
Disease	None
Synonyms	HeLa Kyoto H2B-EGFP, HeLa Kyoto H2B EGFP, HeLa-H2B-GFP

Cell Culture

Age	30 days
Gender	Male
Ethnicity	Caucasian
Morphology	Epithelial cells, adherent
Growth properties	High growth rate, stable expression

Identification

Citation	HK EGFP-H2B (Cytion 300673)
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_1D63
Depositor	EMBL

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Thawing and Culturing Cells

1. Thaw the cells in a water bath at 37°C. Transfer the cells to a pre-warmed medium.
2. Seed the cells into a flask containing 10 mL of pre-warmed medium. Incubate at 37°C with 5% CO₂.
3. Once cells have reached confluence, perform a 1:3 split into a new flask.
4. Seed the cells into a flask containing 10 mL of pre-warmed medium. Incubate at 37°C with 5% CO₂.
5. Once cells have reached confluence, perform a 1:3 split into a new flask.
6. Seed the cells into a flask containing 10 mL of pre-warmed medium. Incubate at 37°C with 5% CO₂.
7. Once cells have reached confluence, perform a 1:3 split into a new flask.
8. Seed the cells into a flask containing 10 mL of pre-warmed medium. Incubate at 37°C with 5% CO₂.

Incubation Atmosphere 37°C, 5% CO₂, humidified

Flask Coating No

Freezing Procedure Harvest cells and resuspend in freezing medium. Store at -80°C.

Shipping Conditions Store at -80°C.

Storage Conditions Store at -150°C for 196 weeks.

HLA

Sterility The cells are free of mycoplasmas and PCR detectable. The cells are free of endotoxins.

██████ HK EGFP-H2B | 300673

██████ HLA

A*: '68:02:01

B*: 15:03:01

C*: 12:03:01

DRB1*: 01:02:01

DQA1*: 01:01:02

DQB1*: 05:01:01

DPB1*: 01:01:01

E: 01:03:02