

HK EGFP-LaminA/H2B-mCherry | 300921

Overview

Description	HK EGFP-LaminA/H2B-mCherry is a cell line derived from HeLa Kyoto, expressing EGFP-Lamin A and H2B-mCherry. The cells are used for studying nuclear structure and function. The cells are maintained in DMEM supplemented with 10% FBS and 1% penicillin/streptomycin. The cells are characterized by their high growth rate and stable expression of the reporter genes.
Organism	Human
Tissue	Embryonic kidney
Disease	None
Synonyms	HeLa Kyoto EGFP-LaminA-H2B-mCherry

Characteristics

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

References and identifiers

Citation	HK EGFP-LaminA/H2B-mCherry (Cytion 300921)
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_1D62
Depositor	EMBL

Product sheet

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GMO Status GMO-S1: HeLa Kyoto EGFP-Lamin A H2B-mCherry

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Protein expression EGFP-LaminA/H2B-mCherry

Products H2B

Culture Medium DMEM, w: 4.5 g/L , w: 4 mM L-, w: 3.7 g/L NaHCO₃, w: 1.0 mM (Cytion 820300a)

Supplements 10% FBS

Dissociation Reagent

Subculturing 1x PBS 10 min, 25°C, 3-5' 1x PBS, 3 min. ,

Seeding density 1 x 10⁴ /

Fluid renewal 2-3

Post-Thaw Recovery 4-7 days, 24

Freeze medium (FBS) + 10% DMSO

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Thawing and
Culturing Cells

1. 将细胞悬液缓慢加入含有培养基的细胞培养瓶中，轻轻混匀，将细胞培养瓶置于37°C CO₂培养箱中培养。
2. 将细胞悬液缓慢加入含有培养基的细胞培养瓶中，轻轻混匀，将细胞培养瓶置于37°C CO₂培养箱中培养。
3. 将细胞悬液缓慢加入含有培养基的细胞培养瓶中，轻轻混匀，将细胞培养瓶置于37°C CO₂培养箱中培养。
4. 将细胞悬液缓慢加入含有培养基的细胞培养瓶中，轻轻混匀，将细胞培养瓶置于37°C CO₂培养箱中培养。
5. 将细胞悬液缓慢加入含有培养基的细胞培养瓶中，轻轻混匀，将细胞培养瓶置于37°C CO₂培养箱中培养。
6. 将细胞悬液缓慢加入含有培养基的细胞培养瓶中，轻轻混匀，将细胞培养瓶置于37°C CO₂培养箱中培养。
7. 将细胞悬液缓慢加入含有培养基的细胞培养瓶中，轻轻混匀，将细胞培养瓶置于37°C CO₂培养箱中培养。
8. 将细胞悬液缓慢加入含有培养基的细胞培养瓶中，轻轻混匀，将细胞培养瓶置于37°C CO₂培养箱中培养。

Incubation
Atmosphere

37°C, 5% CO₂, 饱和湿度

Flask Coating

无涂层

Freezing
Procedure

将细胞悬液缓慢加入含有培养基的细胞培养瓶中，轻轻混匀，将细胞培养瓶置于37°C CO₂培养箱中培养。

Shipping
Conditions

将细胞悬液缓慢加入含有培养基的细胞培养瓶中，轻轻混匀，将细胞培养瓶置于37°C CO₂培养箱中培养。

Storage
Conditions

将细胞悬液缓慢加入含有培养基的细胞培养瓶中，轻轻混匀，将细胞培养瓶置于37°C CO₂培养箱中培养。

细胞培养与转染

Sterility

将细胞悬液缓慢加入含有培养基的细胞培养瓶中，轻轻混匀，将细胞培养瓶置于37°C CO₂培养箱中培养。

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██████ HK EGFP-LaminA/H2B-mCherry | 300921

██████ 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