

HK EGFP-LaminB1/H2B-mCherry | 300919

General information

Description	HK EGFP-LaminB1/H2B-mCherry is a cell line derived from HeLa Kyoto, expressing EGFP-Lamin B1 and H2B-mCherry. The cells are used for studying nuclear structure and function.
Organism	Human
Tissue	Embryonic kidney
Disease	None
Metastatic site	None
Applications	Immunofluorescence, Western blot, Flow cytometry, Microscopy, etc.
Synonyms	HeLa Kyoto EGFP-LaminB1-H2B-mCherry

Cell characteristics

Age	30 days
Gender	Male
Ethnicity	Chinese
Morphology	Epithelial cells, adherent
Cell type	Epithelial cells
Growth properties	High growth rate, easy to maintain

Additional information

Citation	HK EGFP-LaminB1/H2B-mCherry (Cytion 300919)
Biosafety level	1

Product sheet

HEK293T EGFP-LaminB1/H2B-mCherry | 300919

NCBI_TaxID	9606
CellosaurusAccession	CVCL_UR41
Depositor	European Molecular Biology Laboratory (EMBL)
GMO Status	GMO-S1: HEK293T Kyoto HEK293T EGFP-Lamin B1 H2B-mCherry

HEK293T HEK293T-HEK293T

Protein expression	EGFP-LaminB1/H2B-mCherry
Products	HEK293T H2B

HEK293T

Culture Medium	DMEM, w: 4.5 g/L D-glucose, w: 4 mM L-glutamine, w: 3.7 g/L NaHCO ₃ , w: 1.0 mM sodium pyruvate (Gibco Cytion 820300a)
Supplements	HEK293T 10% FBS
Dissociation Reagent	Trypsin
Subculturing	HEK293T cells are grown in DMEM supplemented with 10% FBS. Cells are seeded in T25 flasks, 3-5 x 10 ⁴ cells per flask. Cells are grown to confluence and then split into new flasks using Trypsin.

Seeding density	1 x 10 ⁴ cells/cm ²
Fluid renewal	2-3 times per week
Post-Thaw Recovery	HEK293T cells are thawed in a water bath at 37°C and then seeded into a new flask. Cells are grown for 24 hours before use.
Freeze medium	HEK293T cells are grown in DMEM supplemented with 10% FBS. Cells are then grown in DMEM supplemented with 10% DMSO and 10% FBS for 24 hours before freezing.

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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. 将细胞培养瓶置于37°C CO₂培养箱中培养，待细胞贴壁后，将细胞培养瓶置于37°C CO₂培养箱中培养。
3. 将细胞培养瓶置于37°C CO₂培养箱中培养，待细胞贴壁后，将细胞培养瓶置于37°C CO₂培养箱中培养。
4. 将细胞培养瓶置于37°C CO₂培养箱中培养，待细胞贴壁后，将细胞培养瓶置于37°C CO₂培养箱中培养。
5. 将细胞培养瓶置于37°C CO₂培养箱中培养，待细胞贴壁后，将细胞培养瓶置于37°C CO₂培养箱中培养。
6. 将细胞培养瓶置于37°C CO₂培养箱中培养，待细胞贴壁后，将细胞培养瓶置于37°C CO₂培养箱中培养。
7. 将细胞培养瓶置于37°C CO₂培养箱中培养，待细胞贴壁后，将细胞培养瓶置于37°C CO₂培养箱中培养。
8. 将细胞培养瓶置于37°C CO₂培养箱中培养，待细胞贴壁后，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

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。