

HK EGFP-Cap-D2 | 300675

General information

Description	HK EGFP-Cap-D2 is a HeLa Kyoto cell line expressing a GFP-tagged Cap-D2 protein. The cells are maintained in DMEM/F12 medium supplemented with 10% FBS. The cells are grown in 96-well plates at 37°C and 5% CO ₂ . The cells are used for high-throughput screening of compounds that affect the expression of the GFP-tagged Cap-D2 protein.
Organism	HeLa
Tissue	Epithelial
Disease	None
Synonyms	HeLa Kyoto EGFP CAP-D2, HeLa Kyoto Cap-D2 EGFP

Cell characteristics

Age	30 days
Gender	Male
Ethnicity	Chinese
Morphology	Epithelial cells, forming a monolayer
Growth properties	Highly proliferative, easy to maintain

Identification and documentation

Citation	HK EGFP-Cap-D2 (Cytion 300675)
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_1D60
Depositor	EMBL

GMO Status: GMO-S1: HeLa Kyoto cells expressing EGFP-Cap-D2 protein. The cells are used for high-throughput screening of compounds that affect the expression of the GFP-tagged Cap-D2 protein.

Product sheet

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Protein expression EGFP-CAP-D2, 80% efficiency, 1..589 / Pcmv, 619..645 / Flag-tag, 646..660, 1375..1389/null, 661..1374 / 1435..5638/CAP-D2, 6886..7680/KanR/NeoR

Products CMV Promotor, FLAG octapeptide, Glycin linker, Neomycin, Phosphotransferase

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

Supplements 10% FBS

Dissociation Reagent Trypsin

Subculturing Cells are grown in DMEM supplemented with 10% FBS. For subculturing, cells are trypsinized and resuspended in DMEM supplemented with 10% FBS. Cells are seeded into new flasks at a density of 1 x 10^4 cells per flask.

Seeding density 1 x 10^4 cells / flask

Fluid renewal 2-3 times per week

Post-Thaw Recovery Cells are thawed in a water bath at 37°C and resuspended in DMEM supplemented with 10% FBS. Cells are seeded into new flasks at a density of 1 x 10^4 cells per flask. Cells are allowed to recover for 24 hours before use.

Freeze medium DMEM supplemented with 10% FBS and 10% DMSO

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Thawing and
Culturing Cells

1. 将冻存管放入 37°C 水浴中快速解冻，然后将细胞悬液转移到含有 1 mL 培养基的离心管中，离心 5 分钟，弃去上清液。
2. 将细胞悬液转移到含有 1 mL 培养基的离心管中，离心 5 分钟，弃去上清液。
3. 将细胞悬液转移到含有 1 mL 培养基的离心管中，离心 5 分钟，弃去上清液。
4. 将细胞悬液转移到含有 1 mL 培养基的离心管中，离心 5 分钟，弃去上清液。
5. 将细胞悬液转移到含有 1 mL 培养基的离心管中，离心 5 分钟，弃去上清液。
6. 将细胞悬液转移到含有 1 mL 培养基的离心管中，离心 5 分钟，弃去上清液。
7. 将细胞悬液转移到含有 1 mL 培养基的离心管中，离心 5 分钟，弃去上清液。
8. 将细胞悬液转移到含有 1 mL 培养基的离心管中，离心 5 分钟，弃去上清液。

Incubation
Atmosphere

37°C, 5% CO₂, 饱和湿度

Flask Coating

无涂层

Freezing
Procedure

将细胞悬液转移到含有 1 mL 培养基的离心管中，离心 5 分钟，弃去上清液。

Shipping
Conditions

将细胞悬液转移到含有 1 mL 培养基的离心管中，离心 5 分钟，弃去上清液。

Storage
Conditions

将细胞悬液转移到含有 1 mL 培养基的离心管中，离心 5 分钟，弃去上清液。

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Sterility

本产品经过严格的灭菌处理，不含任何有害物质，可直接用于细胞培养。