

### HK EGFP-Cap-D2 | 300675

#### General Information

<b>Description</b>	HK EGFP-Cap-D2 is a HeLa Kyoto cell line expressing EGFP-Cap-D2. It is used for studying the function of the Cap-D2 protein in the cytoskeleton.
<b>Organism</b>	HeLa Kyoto
<b>Tissue</b>	Embryonic kidney
<b>Disease</b>	None
<b>Synonyms</b>	HeLa Kyoto EGFP CAP-D2, HeLa Kyoto Cap-D2 EGFP

#### Cell Culture

<b>Age</b>	30 days
<b>Gender</b>	Female
<b>Ethnicity</b>	Chinese
<b>Morphology</b>	Epithelial cells, adherent
<b>Growth properties</b>	Highly proliferative, anchorage dependent

#### Identification

<b>Citation</b>	HK EGFP-Cap-D2 (Accession Cytion 300675)
<b>Biosafety level</b>	1
<b>NCBI_TaxID</b>	9606
<b>CellosaurusAccession</b>	CVCL_1D60
<b>Depositor</b>	EMBL

**GMO Status** GMO-S1: HeLa Kyoto cells expressing EGFP-Cap-D2. This is a genetically modified organism (GMO) as it contains a recombinant DNA construct.



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## Thawing and Culturing Cells

1. Thaw the vial quickly in a 37°C water bath. Do not vortex. Immediately transfer the cells to a pre-warmed medium.
2. Centrifuge at 300 x g for 3 minutes. Resuspend in 150 µl of pre-warmed medium.
3. Seed cells into a 96-well plate (15 µl per well) or a 24-well plate (8 µl per well).
4. Incubate at 37°C with 5% CO<sub>2</sub> until cells reach 70% confluency.
5. Harvest cells using a cell scraper and transfer to a microcentrifuge tube.
6. Wash cells with PBS and centrifuge at 300 x g for 3 minutes.
7. Resuspend in 10 µl of lysis buffer and add 100 µl of lysis buffer.
8. Store at -80°C until use.

## Incubation Atmosphere

37°C, 5% CO<sub>2</sub>, humidified

## Flask Coating

Not required

## Freezing Procedure

Resuspend cells in freezing medium and store at -78°C.

## Shipping Conditions

Store at -78°C during shipping.

## Storage Conditions

Store at -150 °C for 196 weeks.

## HLA

## Sterility

PCR products are sterile. All reagents are sterile. The product is sterile.