

HK EB3-EGFP | 300668

XXXXXXXX

**Description** HeLa Kyoto EB3-EGFP XXXXXXXXXXXX HeLa Kyoto, XXXXXXXXXXXX End-Binding Protein 3 (EB3) XXXXXXXXXXXX

**Organism** XXXX

**Tissue** XXXXX XXXXX

**Disease** XXXXXXXXXXXX

**Synonyms** HeLa Kyoto EB3-EGFP, HeLa Kyoto EB3 EGFP, HeLa Kyoto EGFP-EB3

XXXXXXXXXXXX

**Age** 30 XXXX

**Gender** XXXXX

**Ethnicity** XXXXX-XXXXXXXXXX

**Morphology** XXXXX XXXXXXX XXXXXXX XXXX XXXXXXX

**Growth properties** XXXXX XXX, XXXXXXX

XXXXXXXXX XXXXXXXXXXXXXXX

**Citation** HK EB3-EGFP (XXXX XXXXXXX Cytion 300668)

**Biosafety level** 1

**NCBI\_TaxID** 9606

**CellosaurusAccession** CVCL\_1D61

**Depositor** XXXXXXX XXXXXXX (EMBL)

**GMO Status** GMO-S1: XX HeLa Kyoto EB3-EGFP XX XXXXX EB3 XXXXXXX X-EGFP XXXXXXX XXXXXXX XXX XXXXXXX-XXXXXXXXX XXXXXXX

Product sheet

HEK293T EB3-EGFP | 300668

HEK293T EB3-EGFP

**Protein expression** MEGFP (HEK293T EB3-EGFP 3 mEGFP): 1.589 / Pcmv, 652..1497 / EB3, 1516..2235 / EGFP, 3466..4235

**Products** CMV Promotor EB3, Neomycin, Phosphotransferase

HEK293T

**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** 1:3 split into T25, 3-5 flasks into T75, 1:3 split into T175, 1:3 split into T250

**Seeding density**  $1 \times 10^4$  cells/cm<sup>2</sup>

**Fluid renewal** 2-3 times per week

**Post-Thaw Recovery** 4-6 days

**Freeze medium** DMEM + 10% FBS + 10% DMSO

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**Thawing and Culturing Cells**

1. Thaw the cells rapidly in a water bath at 37°C. Transfer the cells to a pre-warmed medium.
2. Seed the cells into a pre-warmed flask containing 15 mL of medium. Incubate at 37°C with 5% CO<sub>2</sub>.
3. Once cells are attached, replace the medium with fresh pre-warmed medium.
4. Monitor cell growth and confluency. Harvest cells when they reach 70-80% confluency.
5. Harvest cells by trypsinization. Add 1 mL of trypsin to the flask and incubate for 5 minutes.
6. Add 3 mL of serum-free medium to stop the trypsin. Pipette the cells into a 15 mL tube.
7. Centrifuge the cells at 300 x g for 3 minutes. Remove the supernatant and resuspend the cells in 10 mL of fresh medium.
8. Seed the cells into a new flask with 10 mL of fresh medium. Incubate at 37°C with 5% CO<sub>2</sub>.

**Incubation Atmosphere** 37°C, 5% CO<sub>2</sub>, humidified

**Flask Coating** Cell culture flasks should be coated with poly-L-lysine.

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

**Shipping Conditions** Store at -80°C during shipping.

**Storage Conditions** Store at -150°C for up to 196 days.

Genotype / HLA

**Sterility** Cells are tested for mycoplasma contamination. PCR testing is performed.