

### HK-CRISPR-mEGFP-Nup214 | 300671

#### General information

<b>Description</b>	HK-CRISPR-mEGFP-Nup214 Nup214, NPC, CRISPR-C
<b>Organism</b>	
<b>Tissue</b>	
<b>Disease</b>	

#### Subject information

<b>Age</b>	30
<b>Gender</b>	
<b>Ethnicity</b>	
<b>Morphology</b>	
<b>Growth properties</b>	

#### Identification and safety

<b>Citation</b>	HK-CRISPR-mEGFP-Nup214 (Cytion 300671)
<b>Biosafety level</b>	1
<b>NCBI_TaxID</b>	9606
<b>Depositor</b>	(EMBL)
<b>GMO Status</b>	GMO-S1: HeLa Kyoto mEGFP CRISPR Nup214

#### Additional information

### HEK293T-CRISPR-mEGFP-Nup214 | 300671

**Protein expression** Nup214, mEGFP-tag

#### Media

**Culture Medium** DMEM, w: 4.5 g/L D-glucose, w: 4 mM L-glutamine, w: 3.7 g/L NaHCO<sub>3</sub>, w: 1.0 mM sodium pyruvate (all from Cytion 820300a)

**Supplements** 10% FBS

**Dissociation Reagent** Trypsin

**Subculturing** Seed cells into 25 cm<sup>2</sup> flasks in DMEM + 10% FBS. When cells reach 70-80% confluency, dissociate with trypsin and seed into fresh flasks.

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

#### Thawing and Culturing Cells

1. Thaw vials rapidly in a 37°C water bath.
2. Dilute cells into 10 mL of DMEM + 10% FBS in a 150 cm<sup>2</sup> flask.
3. Incubate cells for 24 hours at 37°C in 5% CO<sub>2</sub>.
4. Remove FBS and replace with DMEM + 10% FBS.
5. After 24 hours, replace FBS with DMEM + 10% FBS.
6. Harvest cells by centrifugation at 300 x g for 3 minutes.
7. Resuspend cells in DMEM + 10% FBS and seed into fresh flasks.
8. Incubate cells at 37°C in 5% CO<sub>2</sub>.

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

Product sheet

HK-CRISPR-mEGFP-Nup214 | 300671

Flask Coating

Coated with poly-D-lysine, 0.1 mg/ml, 15 min, 37°C

Freezing Procedure

Cells are seeded into 100% FBS medium and grown to confluence. Cells are then harvested and resuspended in 10% FBS medium. Cells are then centrifuged and resuspended in freezing medium. Cells are then frozen at -78°C.

Shipping Conditions

Cells are shipped in dry ice at -78°C.

Storage Conditions

Cells are stored at -150°C for up to 196 days.

HLA

Sterility

Cells are grown in the presence of antibiotics. PCR products are purified and stored at -20°C. Cells are grown in the presence of antibiotics. Cells are grown in the presence of antibiotics.