

HK-CRISPR-Nup188-mEGFP | 300657

Description	HK-CRISPR-Nup188-mEGFP	HeLa Kyoto	CRISPR/Cas9 Nup188	Nup188	mEGFP	Nup188
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Organism

Tissue

Disease

Metastatic site	Not applicable (HeLa Kyoto derivative; primary tumor site is endocervix)
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Applications	Nuclear pore complex (NPC) biology; nucleocytoplasmic transport; Nup188 dynamics and function; live-cell fluorescence imaging of nuclear envelope; high-content screening; CRISPR knock-in validation studies; nuclear transport inhibitor evaluation
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Age	30
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Gender

Ethnicity

Morphology

Cell type	Epithelial cells
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Growth properties

Citation	HK-CRISPR-Nup188-mEGFP Cytion 300657
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Biosafety level	1
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NCBI_TaxID	9606
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CellosaurusAccession Not assigned (HK-CRISPR-Nup188-mEGFP is a CRISPR-modified HeLa Kyoto derivative; parental HeLa Kyoto CVCL_1922)

Depositor EMBL

GMO Status GMO-S1 HeLa Kyoto Nup188 mEGFP CRISPR

Protein expression Nup188 mEGFP-

Culture Medium DMEM w 4.5 / w 4 L- w 3.7 / NaHCO3 w 1.0 Cytion 820300a

Supplements 10% FBS

Dissociation Reagent Accutase

Subculturing PBS T25 3-5 PBS T75 5-10 Accutase T25 1-2 T75 2.5

Freeze medium FBS +10% DMSO CM-1 Cytion 800100 CM-1 Cytion 800100

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**Thawing and
Culturing Cells**

- 1.
2. -150°C 3
3. 37°C 40-60
4. 70%
5. 8 15
6. 300 x g 3
7. 10 T25 T25
- 8.

**Incubation
Atmosphere**

37°C, 5% CO₂

Flask Coating

**Freezing
Procedure**

-78 °C

**Shipping
Conditions**

-78 °C

**Storage
Conditions**

-150 -196 -80 °C

/ /HLA

Sterility

PCR