

HK-CRISPR-Nup188-mEGFP | 300657

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

Protein expression Nup188 mEGFP

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

Supplements 10% FBS

Dissociation Reagent

Subculturing PBS T25 3-5ml T75 5-10ml PBS T25 1-2m

Freeze medium FBS 10 DMSO CM-1

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Thawing and Culturing Cells

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

Incubation Atmosphere 37 5% CO₂

Flask Coating

Freezing Procedure -78

Shipping Conditions

-78

Storage Conditions -150 -196 80

HLA

Sterility PCR