

U2OS-CRISPR-NUP96-Halo | 300448

General information

Description	U-2 OS-CRISPR-NUP96-Halo (U-2 OS cells with CRISPR-Cas9 mediated NUP96 gene deletion and HaloTag expression) U-2 OS cells with CRISPR-Cas9 mediated NUP96 gene deletion and HaloTag expression
Organism	Human
Tissue	Cell Culture
Disease	None

Cellular characteristics

Age	15 days
Gender	Male
Ethnicity	Not applicable
Morphology	Epithelial cells
Growth properties	Adherent

Identification and safety

Citation	U-2 OS-CRISPR-NUP96-Halo (U-2 OS cells with CRISPR-Cas9 mediated NUP96 gene deletion and HaloTag expression) Cytion 300448
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_B7FI
Depositor	EMBL
GMO Status	GMO-S1: U-2 OS cells with CRISPR-Cas9 mediated NUP96 gene deletion and HaloTag expression (U2OS-CRISPR-NUP96-Halo, 252) NUP96-Halo

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Thawing and Culturing Cells

1. Thaw the cells in a water bath at 37°C. Transfer the cells to a pre-warmed medium.
2. Seed the cells into a 150 cm² flask at a density of 1.5 x 10⁶ cells per flask.
3. Incubate the cells in a humidified atmosphere of 5% CO₂ at 37°C.
4. Once cells reach 70% confluency, passage them into a new flask.
5. Seed cells into a 15 cm² flask at a density of 8 x 10⁵ cells per flask.
6. Seed cells into a 300 x g 3 well plate at a density of 1.5 x 10⁵ cells per well.
7. Seed cells into a 10 cm² flask at a density of 1 x 10⁶ cells per flask.
8. Seed cells into a 10 cm² flask at a density of 1 x 10⁶ cells per flask.

Incubation Atmosphere 37°C, 5% CO₂, humidified

Flask Coating Cell culture medium

Freezing Procedure Seed cells into a 150 cm² flask at a density of 1.5 x 10⁶ cells per flask.

Shipping Conditions Store cells at -78°C.

Storage Conditions Store cells at -150°C for 196 days.

Genotype / HLA

Sterility Cells are free of mycoplasma and PCR confirmed.

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HLA

A*: '02:01:01, '32:01:01

B*: '44:02:01, '44:27:01

C*: 05:01:01, 07:04:01

DRB1*: '09:01:02G, '14:54:01

DQA1*: '01:04:01, '03:02:01

DQB1*: 03:03:02, 05:03:01

DPB1*: '02:01:02, '04:01:01

E: 01:01:01