

U2OS-CRISPR-NUP96-mMaple | 300461

General information

Description	U-2 OS-CRISPR-NUP96-mMaple is a cell line derived from U-2 OS, a human osteosarcoma cell line, which is deficient for NUP96 (NPC) and is used for studying the role of NUP96 in cancer. NUP96, a nuclear pore complex (NPC) protein, is a member of the NUP96 family of proteins. NUP96 is a nuclear pore complex (NPC) protein, which is a member of the NUP96 family of proteins. U-2 OS-CRISPR-NUP96-mMaple clone no.16 is a cell line derived from U-2 OS-CRISPR-NUP96-mMaple.
Organism	Human
Tissue	Cell culture
Disease	Osteosarcoma

Characteristics

Age	15 years
Gender	Male
Ethnicity	Chinese
Growth properties	Adherent

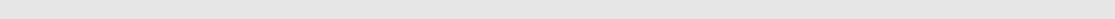
Identification and safety

Citation	U-2 OS-CRISPR-NUP96-mMaple (Cell Culture Cytion 300461)
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_B7FK
Depositor	Cell Culture Cytion (EMBL)
GMO Status	GMO-S1: U-2 OS-CRISPR-NUP96-mMaple (U2OS-CRISPR-NUP96-mMaple, clone no. 16) is a cell line derived from U-2 OS-CRISPR-NUP96-mMaple.

Protein expression

Culture Medium	McCoys 5a, w: 3.0 g/L α -MEM, w: 0.005 β -MEM, w: 2.0 mM γ -Glu-L-Ala, w: 2.2 g/L NaHCO ₃ (α -MEM β -MEM Cytion 82020)

Dissociation Reagent 

Seeding density 1×10^4 

Freeze medium

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Thawing and
Culturing Cells

1. 将细胞冻存管放入 37°C 水浴中快速解冻，离心 5 分钟，将细胞悬液转移到含有 10 mL 完全培养基的细胞培养瓶中，轻轻混匀。
2. 将细胞悬液接种到含有 10 mL 完全培养基的细胞培养瓶中，轻轻混匀。
3. 将细胞悬液接种到含有 10 mL 完全培养基的细胞培养瓶中，轻轻混匀。
4. 将细胞悬液接种到含有 10 mL 完全培养基的细胞培养瓶中，轻轻混匀。
5. 将细胞悬液接种到含有 10 mL 完全培养基的细胞培养瓶中，轻轻混匀。
6. 将细胞悬液接种到含有 10 mL 完全培养基的细胞培养瓶中，轻轻混匀。
7. 将细胞悬液接种到含有 10 mL 完全培养基的细胞培养瓶中，轻轻混匀。
8. 将细胞悬液接种到含有 10 mL 完全培养基的细胞培养瓶中，轻轻混匀。

Incubation
Atmosphere

37°C, 5% CO₂, 饱和湿度

Flask Coating

无涂层

Freezing
Procedure

将细胞悬液接种到含有 10 mL 完全培养基的细胞培养瓶中，轻轻混匀。

Shipping
Conditions

将细胞悬液接种到含有 10 mL 完全培养基的细胞培养瓶中，轻轻混匀。

Storage
Conditions

将细胞悬液接种到含有 10 mL 完全培养基的细胞培养瓶中，轻轻混匀。

细胞培养与转染

Sterility

将细胞悬液接种到含有 10 mL 完全培养基的细胞培养瓶中，轻轻混匀。