



## U2OS-CRISPR-NUP96-mEGFP | 300174

XXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX

**Protein expression** MEGFP (XXXXXXXX XXXX XXXXXXXX XXXXXXXX96X XXXXXXXX X mEGFP)

XXXXXXXXXX

**Culture Medium** XXXXXX 5 X 3.0 X/XXXX XXXXXXXX X- XXXXXXXX XXXXXXXX X 2.0 XXX XXXXXXX XXXXXXXX XXXXXXXX XXXXXXXX X 2.2 X/XXXX NaHCO3 (XXXX XXXXXXX)

**Supplements** XXXXXX XXX XXXXXX 10X FBS X 1X NEAA

**Dissociation Reagent** XXXXXXXX

**Subculturing** XX XXXXXXX XXXXXXX XXXXXXX XX XXXXXXX XXXXXXXX XXXXXXXX XXXXXXXX PBS XXXXX XXXXXXX XXX XXXXXXXXXX XXXXXXXXXX XXXXXXX XXXXXXX

**Seeding density** 2 XXXX 3 X<sup>4</sup> XXXX/XXXX

**Fluid renewal** 2 XXXX 3 XXXXX XX XXXXXXXX

**Freeze medium** XXXXXX XXXXXXX XXXXXXXXXX XXXXXXX XXX XXX XXXXX (XXXX XX XXXX FBS) + 10% DMSO XX XXXX XXXXXXX XXX XXXXXXX XXXXXXX XXXXXXX XXXXXXX XXXXXXX

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### Thawing and Culturing Cells

1. Thaw the vial quickly in a 37°C water bath. Transfer the cells to a pre-warmed medium.
2. Centrifuge the cells at 300 x g for 3 minutes. Resuspend the cells in 100 µl of medium.
3. Seed the cells into a 96-well plate (37°C, 5% CO<sub>2</sub>). Seed 37 cells per well.
4. After 24 hours, the cells should reach 70% confluency.
5. Harvest the cells after 15 days. Seed 8 cells per well.
6. Seed 300 x 3 cells per well.
7. Harvest the cells after 10 days. Seed 10 cells per well.
8. Harvest the cells after 10 days. Seed 10 cells per well.

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

**Flask Coating** None

**Freezing Procedure** Harvest cells and freeze in liquid nitrogen.

**Shipping Conditions** Dry ice, -78°C

**Storage Conditions** -150°C to -196°C

### Genotype / HLA

**Sterility** Cells are free of mycoplasma and other contaminants. PCR screening is performed.