

Product sheet

NRK-EGFP2-Nup50 | 500726

Product information

Description NRK-EGFP2-Nup50 (NRK). Nup50

Organism

Tissue

Synonyms NRK EGFP2-Nup50

Physical characteristics

Breed/Subspecies

Morphology

Growth properties

Identification

Citation NRK-EGFP2-Nup50 (500726)

Biosafety level 1

NCBI_TaxID 10116

CellosaurusAccession CVCL_AV93

Depositor (EMBL)

Applications

Receptors expressed (EGF) (MSA)

XXXXXXXX NRK-EGFP2-Nup50 | 500726

Protein expression EGFP3-Nup50

Products NUP50 (XXXXXXXXXXXX50)

XXXXXXXXXXXX

Culture Medium DMEM 4.5 g/l XXXXXXXX 4 XXXXXXXX XXXXXXXX 3.7 g/l XXXX NaHCO3 1.0 XXXXXXXX XXXXXXXX XXXXXXXX (XXXX XXXXXXXX 820)

Supplements XXXX XXX XXXXXXX 10% FBS 0.5 XXXXX/XXX G418

Dissociation Reagent XXXXXXX

Subculturing XXXX XXX XXXXXXX XXXXXXX XXXXXXX XXXXXXX PBS. XXX XXXXXXX XXXXXXX XXXXXXX XXXXXXX 0.025% XXXXXXX/0.02% EDTA XXX

Split ratio XXXXX XXXXXXX XXXX XXXXXXX XXX 1:3 1:4

Seeding density 2 XXXX 4 x XXXX/XXXX

Fluid renewal 2 XXXX 3 XXXXX XXX XXXXXXX

Freeze medium XXXXXXX XXXXXXX XXXXXXX XXXXXXX XXX XXX XXXX (XXXX XXX XXX FBS) + 10% DMSO XXX XXX XXXXXXX XXX XXXXXXX XXXXXXX XXX XXXXXXX XXXXXXX

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Thawing and Culturing Cells

1. Thaw the vial 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 10 ml of pre-warmed medium.
3. Seed the cells into a 25 cm² flask containing 10 ml of pre-warmed medium.
4. Incubate the cells at 37°C in a 5% CO₂ atmosphere until they reach 70% confluency.
5. Harvest the cells by trypsinization. Seed the cells into a 25 cm² flask containing 10 ml of pre-warmed medium.
6. Incubate the cells at 37°C in a 5% CO₂ atmosphere until they reach 70% confluency.
7. Harvest the cells by trypsinization. Seed the cells into a 25 cm² flask containing 10 ml of pre-warmed medium.
8. Incubate the cells at 37°C in a 5% CO₂ atmosphere until they reach 70% confluency.

Incubation Atmosphere 37°C, 5% CO₂

Flask Coating None

Freezing Procedure Harvest cells by trypsinization. Resuspend cells in freezing medium. Freeze cells in a controlled rate freezer at -1°C/min to -150°C. Store cells at -196°C.

Shipping Conditions Dry ice, -78°C

Storage Conditions -150°C to -196°C

Genotype: NRK-EGFP2-Nup50 / HLA

Sterility The cells are tested for mycoplasma contamination using PCR. The results are negative.