

NRK-EGFP2-Nup50 | 500726

Product Overview

Description	NRK-EGFP2-Nup50 is a plasmid construct expressing the Nup50 protein (NRK). The Nup50 protein is a nuclear pore complex (NPC) protein. Nup50 is a nuclear pore complex (NPC) protein, which is a member of the Nup50 family. It is a nuclear pore complex (NPC) protein, which is a member of the Nup50 family. It is a nuclear pore complex (NPC) protein, which is a member of the Nup50 family. EGFP3 is a green fluorescent protein (GFP) derivative. It is a nuclear pore complex (NPC) protein, which is a member of the Nup50 family. It is a nuclear pore complex (NPC) protein, which is a member of the Nup50 family.
Organism	NRK
Tissue	NRK
Synonyms	NRK EGFP2-Nup50

Product Details

Breed/Subspecies	NRK
Morphology	NRK is a mouse strain. It is a nuclear pore complex (NPC) protein, which is a member of the Nup50 family. It is a nuclear pore complex (NPC) protein, which is a member of the Nup50 family.
Growth properties	NRK is a mouse strain. It is a nuclear pore complex (NPC) protein, which is a member of the Nup50 family. It is a nuclear pore complex (NPC) protein, which is a member of the Nup50 family.

Product Information

Citation	NRK-EGFP2-Nup50 (NRK) Cytion 500726
Biosafety level	1
NCBI_TaxID	10116
CellosaurusAccession	CVCL_AV93
Depositor	EMBL

Product Information

Receptors expressed	EGF, MSA
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Product sheet

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Protein expression EGFP3-Nup50

Products NUP50 (50)

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

Supplements 10% FBS, 0.5 μg/ml G418

Dissociation Reagent

Subculturing 100% PBS. 0.025%/EDTA 0.02% , 37°C

Split ratio 1:3 1:4

Seeding density 2 x 10⁴ /

Fluid renewal 2-3

Freeze medium (FBS) + 10% DMSO

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**Thawing and
Culturing Cells**

1.

Thaw the cells quickly in a water bath at 37°C. Transfer the cells to a pre-warmed medium and centrifuge at 300 x g for 5 minutes. Resuspend the cells in a pre-warmed medium and seed them into a pre-warmed flask.
2.

After seeding, incubate the cells in a humidified atmosphere of 5% CO₂ at 37°C. The cells should reach confluence within 24-48 hours.
3.

For passaging, trypsinize the cells and seed them into a new flask. The cells should reach confluence within 24-48 hours.
4.

For freezing, trypsinize the cells and resuspend them in a freezing medium. Seed the cells into a pre-cooled flask and incubate at -80°C. The cells should reach confluence within 24-48 hours.
5.

For thawing, thaw the cells quickly in a water bath at 37°C. Transfer the cells to a pre-warmed medium and centrifuge at 300 x g for 5 minutes. Resuspend the cells in a pre-warmed medium and seed them into a pre-warmed flask.
6.

After seeding, incubate the cells in a humidified atmosphere of 5% CO₂ at 37°C. The cells should reach confluence within 24-48 hours.
7.

For passaging, trypsinize the cells and seed them into a new flask. The cells should reach confluence within 24-48 hours.
8.

For freezing, trypsinize the cells and resuspend them in a freezing medium. Seed the cells into a pre-cooled flask and incubate at -80°C. The cells should reach confluence within 24-48 hours.

**Incubation
Atmosphere**

37°C, 5% CO₂, humidified

Flask Coating

Not required

**Freezing
Procedure**

Thaw the cells quickly in a water bath at 37°C. Transfer the cells to a pre-warmed medium and centrifuge at 300 x g for 5 minutes. Resuspend the cells in a pre-warmed medium and seed them into a pre-warmed flask.

**Shipping
Conditions**

Thaw the cells quickly in a water bath at 37°C. Transfer the cells to a pre-warmed medium and centrifuge at 300 x g for 5 minutes. Resuspend the cells in a pre-warmed medium and seed them into a pre-warmed flask.

**Storage
Conditions**

Thaw the cells quickly in a water bath at 37°C. Transfer the cells to a pre-warmed medium and centrifuge at 300 x g for 5 minutes. Resuspend the cells in a pre-warmed medium and seed them into a pre-warmed flask.

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Sterility

Thaw the cells quickly in a water bath at 37°C. Transfer the cells to a pre-warmed medium and centrifuge at 300 x g for 5 minutes. Resuspend the cells in a pre-warmed medium and seed them into a pre-warmed flask.