

NRK-Pom121-EGFP3 | 500669

General information

Description	<p>NRK-Pom121-EGFP3 (NRK) Pom121-EGFP3 NPC.</p> <p>NRK, NRK-Pom121-EGFP3, NPC.</p> <p>NRK-Pom121-EGFP3, NPC.</p>
Organism	
Tissue	
Synonyms	NRK Pom121-EGFP3, NRK Pom121-3EGFP, NRK-Pom121-3EGFP

Characteristics

Breed/Subspecies	
Morphology	
Growth properties	

Identification

Citation	NRK-Pom121-EGFP3 (Cytion 500669)
Biosafety level	1
NCBI_TaxID	10116
CellosaurusAccession	CVCL_AV96
Depositor	(EMBL)

Receptor information

Receptors expressed	(EGF), (MSA)
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Protein expression Pom121-EGFP3: 1..589 / Pcmv, 653..4250 / Pom121, 4251..4287 / null, 4318..6546 / 3EGFP, 7780..8574 / KanR/NeoR

Products (EGF), (MSA), POM121, CMV Promotor,

Media

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 -PBS. 0.025%/EDTA 0.02% , -37

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. Do not allow the cells to reach room temperature. After thawing, centrifuge at 300 x g for 3 minutes. Remove the supernatant and resuspend the cells in 10 ml of fresh medium. Seed the cells into a 150 cm² flask with 8 ml of medium. Incubate at 37°C with 5% CO₂.
2. Once the cells have reached confluence, harvest the cells by trypsinization. Seed the cells into a 150 cm² flask with 8 ml of medium. Incubate at 37°C with 5% CO₂.
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8. Once the cells have reached confluence, harvest the cells by trypsinization. Seed the cells into a 150 cm² flask with 8 ml of medium. Incubate at 37°C with 5% CO₂.

Incubation Atmosphere 37°C, 5% CO₂, humidified

Flask Coating None

Freezing Procedure Harvest cells by trypsinization and resuspend in freezing medium. Freeze in a cryovial at -80°C.

Shipping Conditions Store at -80°C. Ship on dry ice.

Storage Conditions Store at -150°C for 196 weeks.

Genotype / HLA

Sterility The cells are free of mycoplasmas and PCR detectable. The cells are free of endotoxins.

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STR

Rat_D1Wox31: 96,1
Rat_D2Wox37: 156
Rat_D19Wox11: 220
Rat_D10Wox8: 266,27
Rat_D4Wox7: 153,157
Rat_D2Wox27: 211
Rat_D5Rat33: 116,138
Rat_D10Wox11: 156
Rat_D1Wox23: 210,214
Rat_D12Wox1: 402,406
Rat_D6Wox2: 104,124
Rat_D8Wox7: 185
Rat_D6Cebr1: 221,233
SRY: x,Y