

Product sheet

NRK-4xlambdaN22-3xmEGFP-M9 | 500672

Product information

Description NRK-4xlambdaN22-3xmEGFP-M9 is a recombinant protein (NRK) consisting of 50 amino acids. It is a 4xλN22-3xmEGFP-M9 protein. NRK-4xlambdaN22-3xmEGFP-M9 is a recombinant protein consisting of 50 amino acids.

Organism NRK-4xlambdaN22-3xmEGFP-M9

Tissue NRK-4xlambdaN22-3xmEGFP-M9

Synonyms NRK 4xλN22-3xmEGFP-M9

Physical properties

Breed/Subspecies NRK-4xlambdaN22-3xmEGFP-M9

Morphology NRK-4xlambdaN22-3xmEGFP-M9 is a recombinant protein consisting of 50 amino acids.

Growth properties NRK-4xlambdaN22-3xmEGFP-M9 is a recombinant protein consisting of 50 amino acids.

Identification

Citation NRK-4xlambdaN22-3xmEGFP-M9 (NRK-4xlambdaN22-3xmEGFP-M9 500672)

Biosafety level 1

NCBI_TaxID 10116

CellosaurusAccession CVCL_AV97

Depositor EMBL

Sequence information

Receptors expressed NRK-4xlambdaN22-3xmEGFP-M9 (EGF) MSA

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Protein expression	4xλN22-3xmEGFP-M9: 937...1009 1066...1138 1194...1261 1323...1390 / 1462...2176 2179... mEGFP 3612...3815 / M9-His 5090...5884 / KanR/NeoR 7195...584 / Pcmv
Products	M9-His BsrG1/HindIII M9-His BsrG1/HindIII CMV Pro
Culture Medium	DMEM 4.5 4 3.7 NaHCO3 1.0 (82
Supplements	10 FBS 0.5 G418
Dissociation Reagent	
Subculturing	PBS. 0.025% /0.02% EDTA
Split ratio	1:3 1:4
Seeding density	2 4
Fluid renewal	2 3
Freeze medium	(FBS) + 10% DMSO

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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 × 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 humidified CO₂ incubator (5% CO₂).
5. Monitor cell growth and confluency. Once cells reach 70-80% confluency, they can be passaged.
6. For passaging, trypsinize the cells and seed them into a new flask.
7. Repeat the process for subsequent passages.
8. Maintain cells in a humidified CO₂ incubator at 37°C.

Incubation Atmosphere 37°C, 5% CO₂, humidified

Flask Coating Not required

Freezing Procedure Seed cells into a 25 cm² flask. Once cells reach 70-80% confluency, trypsinize and seed into a 25 cm² flask. Harvest cells into a 15 ml centrifuge tube. Centrifuge at 300 × g for 3 minutes. Resuspend in 1 ml of freezing medium. Aliquot into 1 ml vials. Freeze at -196°C.

Shipping Conditions Ship at -196°C in a dry ice container.

Storage Conditions Store at -150°C to -196°C in a liquid nitrogen storage tank.

Genotype: NRK-4λlambdaN22-3xmEGFP-M9 / HLA

Sterility Cells are free of mycoplasma contamination. PCR testing confirmed.

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XXXXXXXXXXXXXXXXSTRRat_D1Wox31: 96,1
Rat_D2Wox37: 150,156
Rat_D19Wox11: 220
Rat_D10Wox8: 266,27
Rat_D4Wox7: 153,157
Rat_D2Wox27: 211,215
Rat_D5Rat33: 122,138
Rat_D10Wox11: 156
Rat_D1Wox23: 210,214
Rat_D12Wox1: 402,406
Rat_D6Wox2: 104,124
Rat_D8Wox7: 185
Rat_D6Cebr1: 223,233
SRY: xY