

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 fusion 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-4xλN22-3xmEGFP-M9 500672)

Biosafety level 1

NCBI_TaxID 10116

CellosaurusAccession CVCL_AV97

Depositor EMBL

Sequence Information

Receptors expressed NRK-4xlambdaN22-3xmEGFP-M9 (EGF) and NRK-4xlambdaN22-3xmEGFP-M9 (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 NaHCO3 1.0
Supplements	10% FBS 0.5% G418
Dissociation Reagent	
Subculturing	PBS. 0.025% EDTA
Seeding density	2 x 10 ⁴ cells
Fluid renewal	2 x 3
Freeze medium	(10% 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 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% CO₂) at a density of 100,000 cells per well.
4. Incubate the cells for 24 hours. Replace the medium with fresh medium containing 70% of the original medium.
5. Harvest the cells after 15 days. Seed 8 µl of the cell suspension into a 96-well plate.
6. Incubate the cells for 300 x 3 minutes. Harvest the cells and resuspend in 100 µl of medium.
7. Seed the cells into a 96-well plate (10 µl per well) at a density of 100,000 cells per well.
8. Incubate the cells for 24 hours. Harvest the cells and resuspend in 100 µl of medium.

Incubation Atmosphere 37°C, 5% CO₂

Flask Coating Adherent cells require a cell-adhesive surface.

Freezing Procedure Harvest cells and resuspend in freezing medium. Store at -80°C.

Shipping Conditions Store at -80°C during shipping.

Storage Conditions Store at -150°C to -196°C.

HLA

Sterility The cells are provided in a sterile, cryoprotected medium.