

Product sheet

NRK-EGFP3-Seh1 | 500731

Product information

Description NRK-EGFP3-Seh1 is a mouse strain derived from NRK cells (NRK). It is a 50% cross between NRK and EGFP3-Seh1. The strain is characterized by its high genetic diversity and is suitable for various research applications.

Organism Mouse

Tissue Tissue

Synonyms NRK EGFP3-Seh1

Genetic background

Breed/Subspecies C57BL/6J

Morphology Mice are born with a yellow coat color and are characterized by their high genetic diversity.

Growth properties Mice are born with a yellow coat color and are characterized by their high genetic diversity.

Identification and documentation

Citation NRK-EGFP3-Seh1 (500731)

Biosafety level 1

NCBI_TaxID 10116

CellosaurusAccession CVCL_AV94

Depositor EMBL

Genetic background and documentation

Receptors expressed EGF (EGF) MSA

Product sheet

NRK-EGFP3-Seh1 | 500731

Protein expression	EGFPP3-Seh1
Products	NRK1 (SEH1) (SEH1) (SEH1)
NRK-EGFP3-Seh1	
Culture Medium	DMEM 4.5 g/l, 4 mM, 3.7 g/l, 1.0 mM, 820
Supplements	10% FBS, 0.5 mM, G418
Dissociation Reagent	
Subculturing	PBS
Seeding density	2 x 10 ⁴ cells
Fluid renewal	2 x 3
Freeze medium	(10% FBS) + 10% DMSO

NRK-EGFP3-Seh1 | 500731

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 medium.
3. Seed the cells into a 25 cm² flask containing 10 ml of medium.
4. Incubate the cells at 37°C in a humidified CO₂ incubator (5% CO₂).
5. Monitor the 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 the cells in a humidified CO₂ incubator at 37°C.

Incubation Atmosphere 37 °C, 5% CO₂, humidified

Flask Coating Non-adherent

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 to -196°C.

HLA

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