

# Mouse Ephrin-A3/EFNA3 (His Tag) recombinant protein



Catalog Number: 501666

## General Information

### Gene Name Synonym

EHK1 ligand; EPH-related receptor tyrosine kinase ligand 3

### Protein Construction

A DNA sequence encoding the mouse EFNA3 (NP\_034238.1) without the pro peptide (Met 1-Ser 205) was expressed, with a polyhistidine tag at the C-terminus.

### Organism

Mouse

### Expression Host

Human Cells

## QC Testing

### Activity

Measured by its binding ability in a functional ELISA. Immobilized mouse EphrinA3 at 1 µg/ml (100 µl/well) can bind mouse EPHA6 with a linear ranganer of 6.25-400 ng/ml.

### Purity

> 92 % as determined by SDS-PAGE

### Endotoxin

< 1.0 EU per µg of the protein as determined by the LAL method

### Stability

Samples are stable for up to twelve months from date of receipt at -70°C

### Predicted N terminal

Gln 23

## Molecular Mass

The recombinant mouse EFNA3 consists of 194 amino acids and has a predicted molecular mass of 22.2 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rmEFNA3 is approximately 38 kDa due to glycosylation.

## Formulation

- Lyophilized from sterile PBS, pH 7.4
1. 5 % trehalose and mannitol are added as protectants before lyophilization.
  2. Please contact us for any concerns or special requirements.

## Usage Guide

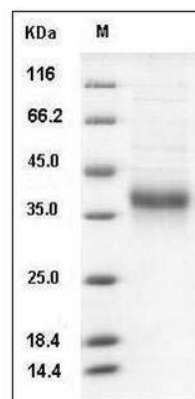
### Storage

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

### Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

## SDS-PAGE



Mouse Ephrin-A3 / EFNA3 Protein (His Tag) SDS-PAGE