

# Mouse EphA4/Eph Receptor A4 (His Tag) recombinant protein



Catalog Number: 504030

## General Information

### Gene Name Synonym

Tyrosine-protein kinase receptor MPK-3; Tyrosine-protein kinase receptor SEK-1

### Protein Construction

A DNA sequence encoding the mouse EPHA4 (NP\_031962.2) extracellular domain (Met 1-Thr 547) was expressed, fused 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 EPHA4 at 2 µg/ml (100 µl/well) can bind mouse EFNA5 with a linear ranger of 1.28-32 ng/ml.

### Purity

> 98 % 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

Thr 20

### Molecular Mass

The secreted recombinant mouse EPHA4 consists of 538 amino acids and has a predicted molecular mass of 60 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rm EPHA4 is approximately 65 kDa.

### 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

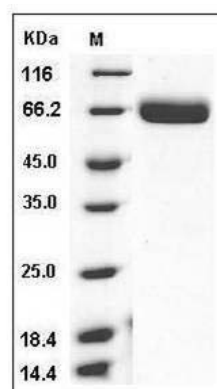
### Storage

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 EphA4 / HEK8 Protein (His Tag) SDS-PAGE