# Mouse EphB3/HEK2/Eph Receptor B3 (His Tag) recombinant protein

Catalog Number: 500494



# **General Information**

# **Gene Name Synonym**

Developmental kinase 5; Tyrosine-protein kinase receptor SEK-4

#### **Protein Construction**

A DNA sequence encoding the mouse EPHB3 (NP\_034273.1) extracellular domain (Met 1-Thr 537) 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 EphB3 at 2  $\mu$ g/ml (100  $\mu$ l/well) can bind mouse EFNB1 with a linear range of 0.1-12.5 ng/ml.

#### **Purity**

> 94 % as determined by SDS-PAGE

#### **Endotoxin**

< 1.0 EU per  $\mu g$  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

Leu 30

#### Molecular Mass

The secreted recombinant mouse EPHB3 consists of 519 amino acids and has a predicted molecular mass of 57 kDa. It migrates as an approximately 63 kDa band in SDS-PAGE under reducing conditions.

# **Formulation**

Lyophilized from sterile 20mM Tris, 150mM NaCl, pH 7.5

- 1.5% trehalose and mannitol are added as protectants before lyophilization.
- 2. Please contact us for any concerns or special requirements.

# **Usage Guide**

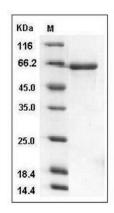
# **Storage**

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 EphB3 / HEK2 Protein (His Tag) SDS-PAGE