

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 µg/ml (100 µl/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 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

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

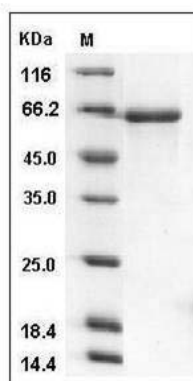
Storage

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