

Mouse EphB1/Eph Receptor B1 (His & GST Tag) recombinant protein



Catalog Number: 503163

General Information

Protein Construction

A DNA sequence encoding the cytoplasmic domain (Met 591-Ala 984) of mouse EPHB1 (Q8CBF3-1) was fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.

Organism

Mouse

Expression Host

Baculovirus-Insect Cells

QC Testing

Activity

The specific activity was determined to be 234 nmol/min/mg using Poly(Glu,Tyr) 4:1 as substrate.

Purity

> 95 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per μ 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

Lys 26

Molecular Mass

The secreted recombinant mouse EPHB1/GST

chimera consists of 631 amino acids and has a calculated molecular mass of 72.4 kDa. The recombinant protein migrates as an approximately 60 kDa band in SDS-PAGE under reducing conditions.

Formulation

Supplied as sterile 20mM Tris, 500mM NaCl, pH 8.0, 10% gly

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

Usage Guide

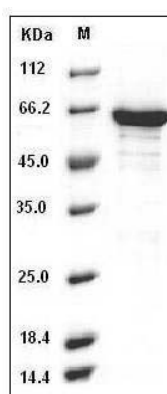
Storage

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 EphB1 / EPHT2 Protein (His & GST Tag)
SDS-PAGE