Human EphB6/Eph Receptor B6 (His Tag) recombinant protein

Catalog Number: 504562

General Information

Protein Construction

The extracellular domain (Met 1-Ser 579) of human EphB6 (NP_004436.1) precursor was expressed, fused with a polyhistidine tag at the C-terminus.

Organism

Human

Expression Host

Human Cells

QC Testing

Activity

1. Measured by its binding ability in a functional ELISA.
2. Immobilized recombinant human EphB6 at 10 μg/ml (100 μl/well) can bind human EphrinB1 with a linear range of 32-800 ng/ml.
3. Immobilized recombinant human EphB6 at 10 μg/ml (100 μl/well) can bind human EphrinB2 with a linear range of 1.28-32 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℃

Predicted N terminal

Leu 17

Molecular Mass

The secreted recombinant human EphB6 consists of 574 amino acids and has a calculated molecular mass of 61.6 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rhEphB6 is approximately 60-70 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

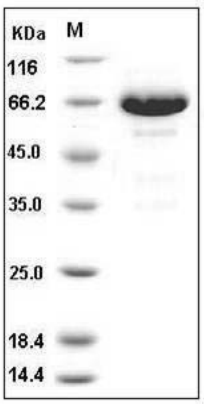
Storage

Store it under sterile conditions at -20℃ to -80℃. 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



Human EphB6 / EphB6 Protein (His Tag) SDS-PAGE