

Human EphB4/Eph Receptor B4 (Fc Tag) recombinant protein



Catalog Number: 503223

General Information

Gene Name Synonym

Hepatoma transmembrane kinase; Tyrosine-protein kinase TYRO11

Protein Construction

A DNA sequence encoding the extracellular domain (Met 1-Ala 539) of human EphB4 (NP_004435.3) precursor was expressed with the fused Fc region of human IgG1 at the C-terminus.

Organism

Human

Expression Host

Human Cells

QC Testing

Activity

Measured by its binding ability in a functional ELISA. Immobilized human EFNB2 at 2 µg/ml (100 µl/well) can bind human EphB4-Fc with a linear ranger of 1.56-12.5 ng/ml.

Purity

> 95 % 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 16

Molecular Mass

The recombinant human EphB4/Fc is a disulfide-linked homodimeric protein after removal of the signal peptide. The reduced monomer consists of 762 amino acids and has a calculated molecular mass of 83.8 kDa. As a result of glycosylation, the rhEphB4/Fc monomer migrates as an approximately 105-115 kDa protein in SDS-PAGE under reducing conditions.

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

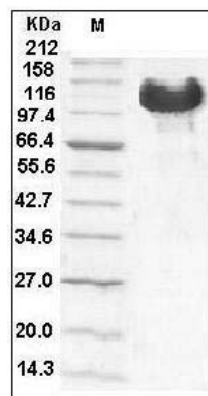
Storage

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



Human EphB4 / HTK Protein (Fc Tag) SDS-PAGE