

Human EphA4/Eph Receptor A4 (His Tag) recombinant protein



Catalog Number: 503519

General Information

Gene Name Synonym

Tyrosine-protein kinase receptor MPK-3; Tyrosine-protein kinase receptor SEK-1

Protein Construction

A DNA sequence encoding the human EPHA4 (NP_031962.2) extracellular domain (Met 1-Thr 547) was expressed, with a polyhistidine tag at the C-terminus.

Organism

Human

Expression Host

Human Cells

QC Testing

Activity

Measured by its ability to bind biotinylated Human EphrinA5-his (cat: 501087) in functional ELISA.

Purity

> 96 % 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

Val 20

Molecular Mass

The recombinant human EPHA4 consists of 539 amino acids and predicts a molecular mass of 60 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rh EPHA4 is approximately 60-70 kDa due to high levels of 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

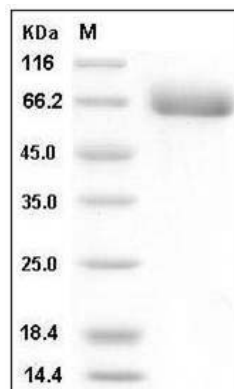
Storage

Store it under sterile conditions at -20°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 EphA4 Protein (His Tag) SDS-PAGE