Mouse EphA4/Eph Receptor A4 (Fc Tag) recombinant protein

Catalog Number: 501692

General Information

Gene Name Synonym

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

Protein Construction

A DNA sequence encoding the mouse EPHA4 (NP_031962.2) extracellular domain (Met 1-Thr 547) was as fused with the Fc region of human IgG1 at the C-terminus.

Organism

Mouse

Expression Host

Human Cells

QC Testing

Activity

Measured by its binding ability in a functional ELISA. Immobilized mouse EPHA5 at 2 μg/ml (100 μl/well) can bind mouse EFNA4-Fc with a linear ranger of 1.28-32 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℃

Predicted N terminal

Thr 20

Molecular Mass

The recombinant mouse EPHA4/Fc is a disulfide-linked homodimer. The reduced monomer consists of 768 amino acids and has a predicted molecular mass of 85.3 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rmEPHA4/Fc monomer is approximately 110 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

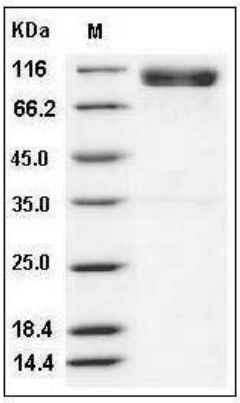
Storage

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



Mouse EphA4 / HEK8 Protein (Fc Tag) SDS-PAGE