Mouse Ephrin-A5/EFNA5 (Fc Tag) recombinant protein

Catalog Number: 502960

General Information

Gene Name Synonym

AL-1; EPH-related receptor tyrosine kinase ligand 7

Protein Construction

A DNA sequence encoding the mouse EFNA5 isoform long (O08543-1) without the pro peptide (Met 1-Asn 203) 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 EPHA4 at 2 μg/ml (100 μl/well) can bind mouse EFNA5-Fc with a linear ranger of 1.28-32 ng/ml.

Purity

> 85 % 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

Gln 21

Molecular Mass

The recombinant mouse EFNA5/Fc is a disulfide-linked homodimer. The reduced monomer consists of 424 amino acids and has a predicted molecular mass of 48.2 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rmEFNA5/Fc monomer is approximately 52 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

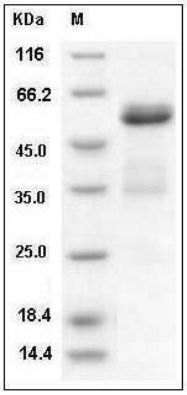
Storage

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 Ephrin-A5 / EFNA5 Protein (Fc Tag) SDS-PAGE