

Mouse Ephrin-A4/EFNA4 (Fc Tag) recombinant protein



Catalog Number: 502246

General Information

Gene Name Synonym

EPH-related receptor tyrosine kinase ligand 4

Protein Construction

A DNA sequence encoding the mouse EFNA4 (NP_031936.2) without the pro peptide (Met 1-Gly 176) was 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.

1. Immobilized human EphA7 at 2 µg/ml (100 µl/well) can bind mouse EphrinA4 Fc Chimera with a linear range of 0.08-10 ng/ml.
2. Immobilized mouse EphA7 at 2 µg/ml (100 µl/well) can bind mouse EphrinA4 Fc Chimera with a linear range of 0.08-10 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°C

Predicted N terminal

Leu 26

Molecular Mass

The recombinant mouse EFNA4/Fc is a disulfide-linked homodimer. The reduced monomer consists of 392 amino acids and has a predicted molecular mass of 43.9 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rmEFNA4/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

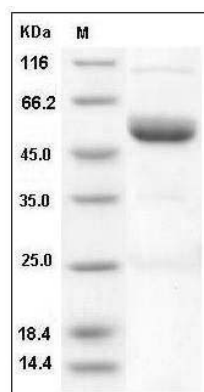
Storage

Store it under sterile conditions at -20°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



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