

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.

Source: 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

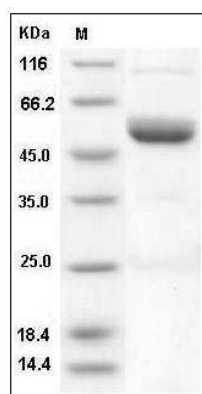
Storage:

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:



Mouse Ephrin-A4 / EFNA4 Protein (Fc Tag) SDS-PAGE