Mouse Ephrin-A1/EFNA1 (Fc Tag) recombinant protein

Catalog Number: 503668

General Information

Gene Name Synonym

MIC2-like protein 1

Protein Construction

A DNA sequence encoding the mouse EFNA1 (NP_612182.1) without the pro peptide (Met 1-Ser 182) 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. Immobilized Mouse EphA2 at 2 μg/ml (100 μl/well) can bind mouse EphrinA1 with a linear range of 0.16-20 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

Asp 19

Molecular Mass

The secreted recombinant mouse EFNA1/Fc is a disulfide-linked homodimeric protein. The reduced monomer comprises 405 amino acids and has a predicted molecular mass of 46.4 kDa. As a result of glycosylation, the apparent molecular mass of rm EFNA1/Fc monomer is approximately 53 kDa in SDS-PAGE under reducing conditions.

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

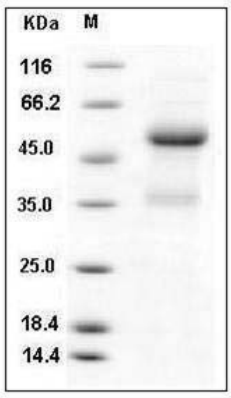
Storage

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-A1 / EFNA1 Protein (Fc Tag) SDS-PAGE