

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



Catalog Number: 502973

General Information

Gene Name Synonym

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

Protein Construction

A DNA sequence encoding the mature form of rat EFNA5 (P97605) (Met 1-Glu 202) was fused with the Fc region of human IgG1 at the C-terminus.

Organism

Rat

Expression Host

Human Cells

QC Testing

Activity

Measured by its binding ability in a functional ELISA.

Immobilized recombinant Rat EPHA4 Protein (His Tag) (Cat: 503607) at 10 µg/mL (100 µl/well) can bind Recombinant rat EFNA5-Fc (Cat: 502973) with a linear range of 7.8-12.5 ng/ml.

Purity

> 90 % 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

Phe 17

Molecular Mass

The recombinant rat EFNA5/Fc is a disulfide-linked homodimer. The reduced monomer comprises 423 amino acids and predicts a molecular mass of 48 kDa. The apparent molecular mass of the rat EFNA5/Fc monomer is approximately 55 kDa in SDS-PAGE under reducing conditions 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

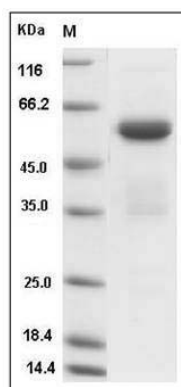
Storage

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



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