

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



Catalog Number: 503339

General Information

Gene Name Synonym

Ephrin-A5; Uncharacterized protein

Protein Construction

A DNA sequence encoding the rhesus EFNA5 (NP_001252657.1) (Met 1-Asn 203) was fused with the Fc region of human IgG1 at the C-terminus.

Organism

Rhesus

Expression Host

Human Cells

QC Testing

Activity

Measured by its binding ability in a functional ELISA.

Immobilized Rhesus EFNA5-Fc (Cat:503339) at 10 µg/mL (100 µl/well) can bind biotinylated Rhesus EPHA4 (Cat:504687). The EC_{50} of biotinylated Rhesus EPHA4 (Cat:504687) is 9.3-21.6 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

Gln 21

Molecular Mass

The recombinant rhesus EFNA5 consists of 424 amino acids and has a calculated molecular mass of 48.2 kDa.

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

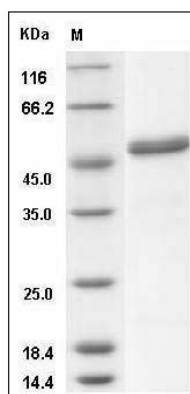
Storage

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



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