

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



Catalog Number: 503298

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 expressed, with a polyhistidine tag at the C-terminus.

Organism

Mouse

Expression Host

Human Cells

QC Testing

Activity

Measured by its ability to compete mouse EFNA4 for binding to immobilized mouse EPHA7 in a functional ELISA.

Purity

> 95 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per μ g 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 consists of 162 amino acids and has a predicted molecular mass of 18.3 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rmEFNA4 is approximately 27 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

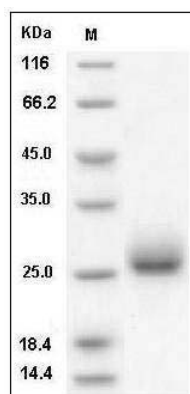
Storage

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 (His Tag) SDS-PAGE