

Human Ephrin-A4/EFNA4 (Fc Tag) recombinant protein



Catalog Number: 501098

General Information

Gene Name Synonym

EPH-related receptor tyrosine kinase ligand 4

Protein Construction

A DNA sequence encoding the human EFNA4 (NP_005218.1)(Met1-Gly171) was expressed with the Fc region of human IgG1 at the C-terminus.

Organism

Human

Expression Host

Human Cells

QC Testing

Activity

1. Measured by its binding ability in a functional ELISA.
2. Immobilized human EPHA7-His (Cat:502994) at 10 µg/mL(100 µL/well) can bind human EFNA4-Fc (NEW) (Cat:501098). The EC₅₀ of EFNA4-Fc (NEW) (Cat:501098) is 2.6-6.1 ng/mL.

Purity

(82.7+11.1) % 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

Glu 26

Molecular Mass

The recombinant human EFNA4/Fc comprises 387 amino acids and has a predicted molecular mass of 43.4 kDa. The apparent molecular mass of the protein is approximately 48.1 and 34.9 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

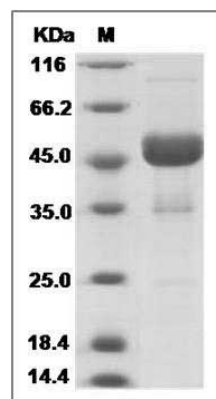
Storage

Store it under sterile conditions at -20°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



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