

Human Ephrin-A4 / EFNA4 Protein (Fc Tag)

Catalog Number: 12087-H02H



Sino Biological Inc.
Biological Solution Specialist

General Information

Gene Name Synonym:

EFNA4, EPLG4, LERK4

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.

Source: Human

Expression Host: Human Cells

QC Testing

Purity: (82.7+11.1) % as determined by SDS-PAGE

Bio-Activity:

1. Measured by its binding ability in a functional ELISA.
2. Immobilized human EPHA7-His (Cat:11657-H08H) at 10 µg/mL(100 µL/well) can bind human EFNA4-Fc (NEW) (Cat:12087-H02H). The EC₅₀ of EFNA4-Fc (NEW) (Cat:12087-H02H) is 2.6-6.1 ng/mL.

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.

Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA. Please contact us for any concerns or special requirements.

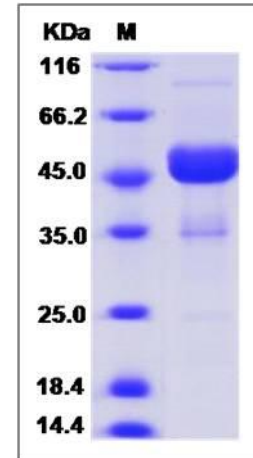
Usage Guide

Storage:

Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

Avoid repeated freeze-thaw cycles.

SDS-PAGE:



Reconstitution:

Detailed reconstitution instructions are sent along with the products.

Manufactured By Sino Biological Inc., FOR RESEARCH USE ONLY. NOT FOR USE IN HUMANS.

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