

Human VEGF-B / VEGFB Protein (Fc Tag)

Catalog Number: 10544-H01H



Sino Biological
Biological Solution Specialist

General Information

Gene Name Synonym:

VEGFL; VRF

Protein Construction:

A DNA sequence encoding the human VEGFB (NP_003368.1) (Pro22-Ala207) was expressed with the Fc region of human IgG1 at the N-terminus.

Source: Human

Expression Host: HEK293 Cells

QC Testing

Purity: > (75.2+22) % as determined by SDS-PAGE.

Bio Activity:

Measured by its binding ability in a functional ELISA. Immobilized human S4-Fc3L3-VEGFB at 10 µg/ml (100 µL/well) can bind biotinylated human NRP1-Fc(Cat:10011-H02H), The EC_{50} of biotinylated human NRP1-Fc(Cat:10011-H02H) is 0.03-0.07 µg/mL.

Endotoxin:

< 1.0 EU per µg 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

Molecular Mass:

The recombinant human VEGFB consists 446 amino acids and predicts a molecular mass of 47.8 kDa.

Formulation:

Lyophilized from sterile PBS, pH 7.4.

Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 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:

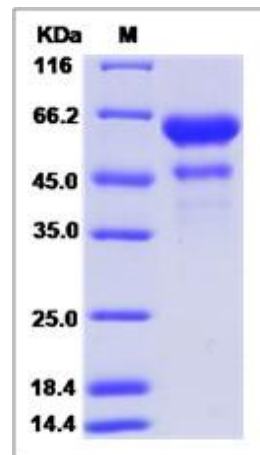
Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

Avoid repeated freeze-thaw cycles.

Reconstitution:

Detailed reconstitution instructions are sent along with the products.

SDS-PAGE:



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

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