

Human CD16b/FCGR3B recombinant protein



Catalog Number: 504000

General Information

Gene Name Synonym

Fc-gamma RIII-beta; FcR-10; IgG Fc receptor III-1

Protein Construction

A DNA sequence encoding the mature form of human CD16b (O75015-1) (Met 18-Gly 193) was expressed and purified.

Organism

Human

Expression Host

E. coli

QC Testing

Activity

Using the Octet RED System, the affinity constant (Kd) of CD16b bound to Human IgG1 was 80nM.

Purity

> 95 % as determined by SDS-PAGE

Endotoxin

Please contact us for more information.

Stability

Samples are stable for up to twelve months from date of receipt at -70°C

Predicted N terminal

Met

Molecular Mass

The recombinant human CD16b comprises 176 amino acids and has a predicted molecular mass of 20 kDa. It migrates as an approximately 22 kDa band in SDS-PAGE under reducing conditions.

Formulation

Lyophilized from sterile 20mM Tris, 50mM NaCl, 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

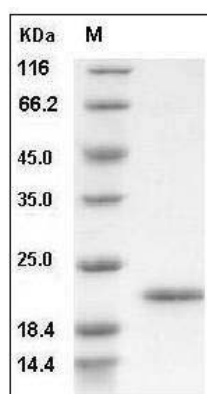
Storage

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 CD16b / FCGR3B Protein SDS-PAGE