

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. The expressed protein was biotinylated in vitro.

Organism

Human

Expression Host

E. coli

QC Testing

Activity

1. Measured by its ability to bind human IgG1 in a functional ELISA.
2. Labeling ratio of biotin to protein: 5.51.

Purity

> 90 % 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.

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

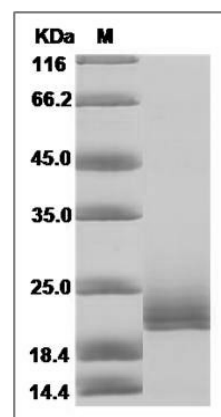
Storage

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 CD16b / FCGR3B Protein, Biotinylated