

# Human CD16b / FCGR3B Protein

Catalog Number: 11046-HNAE



**Sino Biological Inc.**

Biological Solution Specialist

## General Information

### Gene Name Synonym:

CD16; CD16b; Fc gamma RIIB; FCG3; FCGR3; FCR-10; FCRIII; FCRIIB; CD16

### Protein Construction:

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

**Source:** Human

**Expression Host:** E. coli

## QC Testing

**Purity:** > 95 % as determined by SDS-PAGE

### Bio Activity:

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

### 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

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:

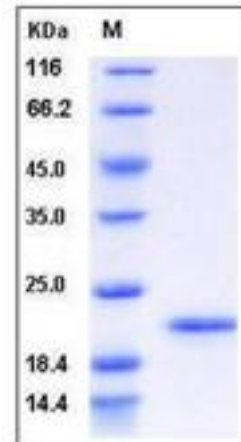
Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

**Avoid repeated freeze-thaw cycles.**

### Reconstitution:

Detailed reconstitution instructions are sent along with the products.

## SDS-PAGE:



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