# Human CD16b/FCGR3B (His Tag) recombinant protein

Catalog Number: 503625



## **General Information**

# Gene Name Synonym

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

### **Protein Construction**

A DNA sequence encoding the human CD16b (NP\_000561.3) (Met 1-Ser 200) with a C-terminal polyhistidine tag was expressed.

## **Organism**

Human

# **Expression Host**

**CHO Cells** 

# **QC Testing**

# **Purity**

> 99 % as determined by SDS-PAGE

## **Endotoxin**

< 1.0 EU per  $\mu g$  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**

Gly 17

# **Molecular Mass**

The recombinant human CD16b comprises 195

amino acids with a predicted molecular mass of 22.2 kDa. As a result of glycosylation, it migrates as an approximately 38-43 kDa band in SDS-PAGE under reducing conditions.

# **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**

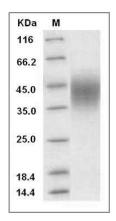
# **Storage**

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 (His Tag) SDS-PAGE