

# Human CD32b / FCGR2B Protein (His Tag)

Catalog Number: 10259-H08C



Sino Biological  
Biological Solution Specialist

## General Information

### Gene Name Synonym:

CD32; CD32B; Fc gamma RIIB; FCGR2

### Protein Construction:

A DNA sequence encoding (Ala46-Pro217) of human CD32b (P31994-1) was expressed, with a C-terminal polyhistidine tag.

**Source:** Human

**Expression Host:** CHO Cells

## QC Testing

**Purity:** > 97 % as determined by SDS-PAGE

### Bio Activity:

Measured by its binding ability in a functional ELISA. Immobilized human sCD32b-His (CHO) (Cat:10259-H08C) at 10 µg/ml (100 µl/well) can bind biotinylated human IgG1. The  $EC_{50}$  of biotinylated human IgG1 is 0.18-0.42 µg/ml.

### Endotoxin:

< 1.0 EU per µg 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:** Ala 46

### Molecular Mass:

The secreted recombinant human CD32b consists of 183 amino acids and predicts a molecular mass of 20.8 KDa. The apparent molecular mass of the protein is approximately 29 KDa in SDS-PAGE under reducing conditions due to glycosylation.

### 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:

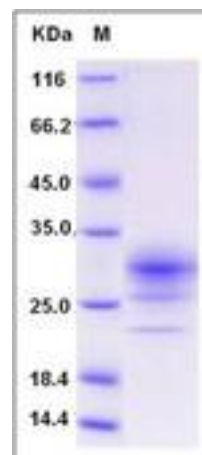
Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

**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.**

**For US Customer:** Fax: 267-657-0217 • Tel: 215-583-7898

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