

# Cynomolgus CD32b/Fc gamma RIIB/FCGR2B (His Tag) recombinant protein



Catalog Number: 504007

## General Information

### Protein Construction

A DNA sequence encoding the Cynomolgus (*Macaca fascicularis*) CD32b (AAL92097.1) extracellular domain (Met 1-Pro 217) was fused with a polyhistidine tag at the C-terminus.

### Organism

Cynomolgus

### Expression Host

Human Cells

## QC Testing

### Activity

Measured by its binding ability in a functional ELISA. Immobilized cynoCD32B-His (Cat:504007) at 10 µg/ml (100 µl/well) can bind biotinylated human IgG1. The EC<sub>50</sub> of biotinylated human IgG1 is 0.17-0.41 µg/ml.

### Purity

> 95 % as determined by SDS-PAGE

### 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 45

### Molecular Mass

The recombinant cynomolgus CD32b consists of 184 amino acids and has a calculated molecular mass of 20.9 kDa. The apparent molecular mass of the recombinant protein is approximately 28-33 kDa in SDS-PAGE under reducing conditions due to glycosylation.

### 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

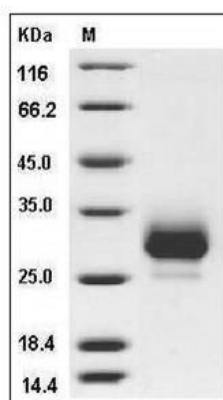
### Storage

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



Cynomolgus CD32b / FCGR2B Protein (His Tag)  
SDS-PAGE