

# Cynomolgus CD32a / Fc gamma RIIA / FCGR2A (His Tag) recombinant protein



Catalog Number: 503614

## General Information

### Protein Construction

A DNA sequence encoding the Cynomolgus (*Macaca fascicularis*) CD32a (AAL92096.1) extracellular domain (Met 1-Ile 211) was fused with a polyhistidine tag at the C-terminus.

### Organism

Cynomolgus

### Expression Host

Human Cells

## QC Testing

### Activity

Using the Octet RED System, the affinity constant (Kd) of cynomolgus CD32A-His bound to human IgG was 5.8  $\mu$ M.

### Purity

> 95 % 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

Ala 30

### Molecular Mass

The recombinant cynomolgus CD32a consists of 193 amino acids and has a calculated molecular mass of 21.8 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

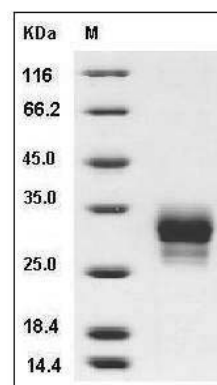
### Storage

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 CD32a / FCGR2A Protein (His Tag)  
SDS-PAGE