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

Catalog Number: 501563



# **General Information**

#### **Protein Construction**

A DNA sequence encoding the cynomolgus (Macaca fascicularis) CD32b (AAL92097.1) extracellular domain (Met 1-Gly 220) was fused with a C-terminal polyhistidine tagged AVI tag at the C-terminus.

## **Organism**

Cynomolgus

## **Expression Host**

**Human Cells** 

# **QC Testing**

## **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 45

#### **Molecular Mass**

The recombinant cynomolgus CD32b consists of 211 amino acids and has a calculated molecular

mass of 23.5 kDa. The apparent molecular mass of the recombinant protein is approximately 33-35 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**

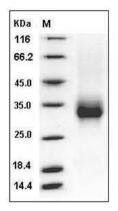
#### **Storage**

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 & AVI Tag) SDS-PAGE