

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



Catalog Number: 502484

General Information

Protein Construction

A DNA sequence encoding the Cynomolgus (*Macaca fascicularis*) CD32a (AAL92096.1) extracellular domain (Met 1-Gly 220) was fused with a c-terminal polyhistidine tagged AVI tag at the C-terminus. The expressed protein was biotinylated in vivo by the Biotin-Protein ligase (BirA enzyme) which is co-expressed.

Organism

Cynomolgus

Expression Host

Human Cells

QC Testing

Activity

Labeling ratio of biotin to protein: 1.1

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 30

Molecular Mass

The recombinant cynomolgus CD32a consists of 206 amino acids and has a calculated molecular mass of 22.9 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

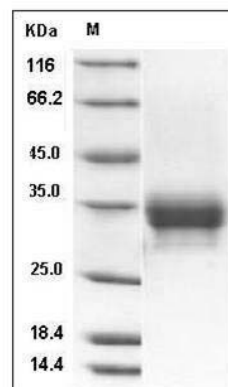
Storage

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 CD32a / FCGR2A Protein (His & AVI Tag), Biotinylated SDS-PAGE