

Cynomolgus CD32b / FCGR2B Protein (His & AVI Tag), Biotinylated

Catalog Number: 90014-C27H-B



Sino Biological
Biological Solution Specialist

General Information

Gene Name Synonym:

FCGR2B

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. The expressed protein was biotinylated in vivo by the Biotin-Protein ligase (BirA enzyme) which is co-expressed.

Source: Cynomolgus

Expression Host: HEK293 Cells

QC Testing

Biotin/Protein Ratio:

0.7-1 as determined by the HABA assay.

Purity: > 97 % 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 211 amino acids and has a calculated molecular mass of 23.5 kDa. The apparent molecular mass of the recombinant protein is approximately 34 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:

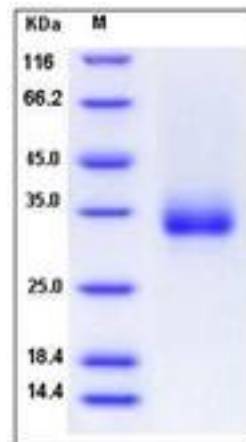
Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

Avoid repeated freeze-thaw cycles.

Reconstitution:

Detailed reconstitution instructions are sent along with the products.

SDS-PAGE:



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