

Cynomolgus CD32b / FCGR2B Protein (His Tag)

Catalog Number: 90014-C08H



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-Pro 217) was fused with a polyhistidine tag at the C-terminus.

Source: Cynomolgus

Expression Host: HEK293 Cells

QC Testing

Purity: > 95 % as determined by SDS-PAGE

Bio Activity:

Measured by its binding ability in a functional ELISA. Immobilized cynoCD32B-His (Cat:90014-C08H) at 10 µg/ml (100 µl/well) can bind biotinylated human IgG1. The EC₅₀ of biotinylated human IgG1 is 0.17-0.41 µg/ml.

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

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:

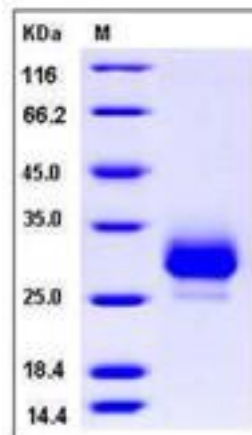
Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

Avoid repeated freeze-thaw cycles.

Reconstitution:

Detailed reconstitution instructions are sent along with the products.

SDS-PAGE:



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