

Rat CD32b / FCGR2B Protein (His Tag)

Catalog Number: 80018-R08H



Sino Biological
Biological Solution Specialist

General Information

Gene Name Synonym:

FCGR2B

Protein Construction:

A DNA sequence encoding the rat FCGR2B (Q63203-1) extracellular domain (Met 1-Pro 212) was expressed, fused with a polyhistidine tag at the C-terminus.

Source: Rat

Expression Host: HEK293 Cells

QC Testing

Purity: > 97 % as determined by SDS-PAGE

Bio Activity:

Measured by its binding ability in a functional ELISA. Immobilized human rat FCGR2B-His (Cat:80018-R08H) at 10 µg/ml (100 µl/well) can bind biotinylated human IgG1. The EC₅₀ of biotinylated human IgG1 is 0.3-0.8 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: His 32

Molecular Mass:

The recombinant rat FCGR2B comprises 192 amino acids and predicts a molecular mass of 21.9 kDa. The apparent molecular mass of the rat FCGR2B is approximately 35-40 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:

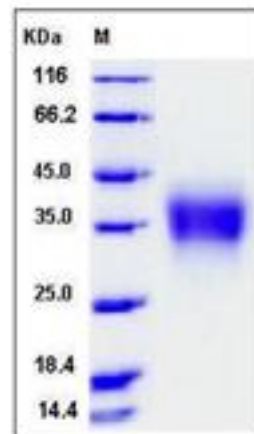
Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

Avoid repeated freeze-thaw cycles.

Reconstitution:

Detailed reconstitution instructions are sent along with the products.

SDS-PAGE:



Manufactured By Sino Biological Inc., FOR RESEARCH USE ONLY. NOT FOR USE IN HUMANS.

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