

Human CD32a / FCGR2A Protein (167 Arg, Fc Tag)

Catalog Number: 10374-H02H



Sino Biological Inc.
Biological Solution Specialist

General Information

Gene Name Synonym:

CD32; CD32A; CDw32; Fc gamma RIIA; FCG2; FcGR; FCGR2; FCGR2A1; IGFR2

Protein Construction:

A DNA sequence encoding the extracellular domain (Met 1-Ile 218) of human CD32a (AAA35827.1) was fused with the Fc region of human IgG1 at the C-terminus. It is identical to FCGR2A131H/R in the reference.

Source: Human

Expression Host: Human Cells

QC Testing

Purity: > 90 % as determined by SDS-PAGE

Bio Activity:

Measured by its binding ability in a functional ELISA. Immobilized human CD32a-Fc (Cat:10374-H02H) at 10 µg/ml (100 µl/well) can bind biotinylated human IgG1 with a linear range of 0.625-10 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: Gln 34

Molecular Mass:

The recombinant human CD32a/Fc is a disulfide-linked homodimeric protein. The reduced monomer consists of 426 amino acids and predicts a molecular mass of 47.3 kDa. As a result of glycosylation, the apparent molecular mass of rh CD32a/Fc monomer is approximately 55 kDa in SDS-PAGE under reducing conditions.

Formulation:

Lyophilized from sterile PBS, pH 7.5

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:

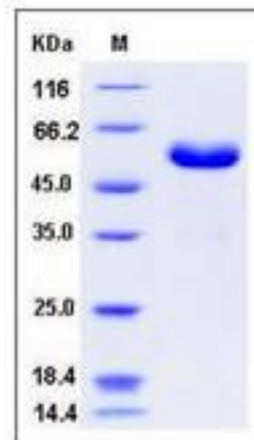
Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

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.

Fax :+86-10-51029969 • Tel:+86-400-890-9989 • <http://www.sinobiological.com>