

Human CD32b / FCGR2B Protein (His Tag)

Catalog Number: 10259-H08H



Sino Biological
Biological Solution Specialist

General Information

Gene Name Synonym:

CD32; CD32A; CD32B; CDw32; Fc gamma RII; Fc gamma RIIB; FCG2; FcGR; FCGR2; FCGR21; FCGR2A; IGFR2

Protein Construction:

A DNA sequence encoding the extracellular domain (Ala 46-Pro 217) of mature human CD32b (NP_001002274.1) protein was expressed with a N-terminal signal peptide and a C-terminal polyhistidine tag.

Source: Human

Expression Host: HEK293 Cells

QC Testing

Purity: > 95 % as determined by SDS-PAGE

Bio Activity:

Measured by its ability to bind biotinylated human IgG2 (Cat: 13504-HNAH) in functional ELISA.

Endotoxin:

< 1.0 EU per µg of the protein as determined by the LAL method

Predicted N terminal: Ala 46

Molecular Mass:

The recombinant mature human CD32b consists of 183 amino acids after proteolytic removal of the signal peptide and predicts a molecular mass of 20.8 kDa. By SDS-PAGE under reducing conditions, it migrates as an approximately 25-30 kDa protein 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

Stability & Storage:

Samples are stable for twelve months from date of receipt at -20°C to -80°C.

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:

