

Human CD32a / FCGR2A Protein (167 His, His Tag)

Catalog Number: 10374-H08H1



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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 (P12318-1) was expressed with a C-terminal polyhistidine tag. It is identical to FCGR2A131H/R in the reference.

Source: Human

Expression Host: Human Cells

QC Testing

Purity: > 95 % as determined by SDS-PAGE

Bio Activity:

Measured by its ability to bind Human IgG2-Fc (Native) (Cat:13504-HNAH) in a functional ELISA.

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 consists of 196 amino acids after removal of the signal peptide and predicts a molecular mass of 22 KDa. It migrates as an approximately 30 KDa protein due to glycosylation by 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:

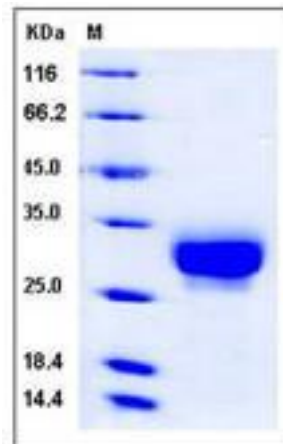
Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

Avoid repeated freeze-thaw cycles.

Reconstitution:

Detailed reconstitution instructions are sent along with the products.

SDS-PAGE:



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