

Active Recombinant Human FCGR2B protein, His-tagged

Cat. No. FCGR2B-7279H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human FCGR2B protein(Ala46-Pro217)(P31994-1) was expressed in CHO, with a C-terminal polyhistidine tag.
Species	Human
Source	CHO
ProteinLength	46-217 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized human sCD32b-His (CHO) at 10 µg/ml (100 µl/well) can bind biotinylated human IgG1, The EC50 of biotinylated human IgG1 is 0.18-0.42 µg/ml.
Molecular Mass	The secreted recombinant human CD32b consists of 183 amino acids and predicts a molecular mass of 20.8 KDa. The apparent molecular mass of the protein is approximately 29 KDa in SDS-PAGE under reducing conditions due to glycosylation.
Endotoxin	< 1 EU/g as determined by LAL test.
Purity	> 97 % as determined by SDS-PAGE
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-

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thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name FCGR2B Fc fragment of IgG, low affinity IIb, receptor (CD32) [Homo sapiens]

Official Symbol FCGR2B

Synonyms

FCGR2B; Fc fragment of IgG, low affinity IIb, receptor (CD32); Fc fragment of IgG, low affinity IIb, receptor for (CD32) , FCG2, FCGR2; low affinity immunoglobulin gamma Fc region receptor II-b; CD32; CD32B; CDw32; fcRII-b; Fc gamma RIIb; fc-gamma-RIIb; fc-gamma RII-b; igG Fc receptor II-b; Fc fragment of IgG, low affinity II, receptor for (CD32); Fc fragment of IgG, low affinity IIb, receptor for (CD32); FCG2; FCGR2; IGFR2;

Gene ID 2213

mRNA Refseq NM_001002273

Protein Refseq NP_001002273

MIM 604590

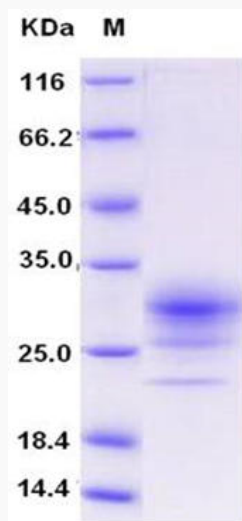
UniProt ID P31994

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SDS-PAGE



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