

Active Recombinant Human FCGR3B protein

Cat. No. FCGR3B-3869H Lot. No. (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human FCGR3B protein(O75015-1) (Met 18-Gly 193) was expressed and purified in E. coli.
Species	Human
Source	E. coli
ProteinLength	18-193 aa
Form	Lyophilized from sterile 20mM Tris, 50mM NaCl, pH 7.4.
Bio-activity	Using the Octet RED System, the affinity constant (Kd) of CD16b bound to Human IgG1 was 80nM.
Molecular Mass	The recombinant human CD16b comprises 176 amino acids and has a predicted molecular mass of 20 kDa. It migrates as an approximately 22 kDa band in SDS-PAGE under reducing conditions.
Purity	> 95 % 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-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

protein Refseq-Weblink http://www.ncbi.nlm.nih.gov/protein/NP_000561.3

Unit ID O75015

Unit ID-Weblink <http://www.uniprot.org/uniprot/O75015>

GENE INFORMATION

Gene Name [FCGR3B Fc fragment of IgG, low affinity IIIb, receptor \(CD16b\) \[Homo sapiens \]](#)

Official Symbol [FCGR3B](#)

Synonyms FCGR3B; Fc fragment of IgG, low affinity IIIb, receptor (CD16b); Fc fragment of IgG, low affinity IIIb, receptor for (CD16) , FCG3, FCGR3; low affinity immunoglobulin gamma Fc region receptor III-B; CD16; CD16b; fc-gamma RIII; fc-gamma RIIIb; fc-gamma RIII-beta; igG Fc receptor III-1; Fc-gamma receptor IIIb (CD 16); Fc fragment of IgG, low affinity IIIb, receptor for (CD16); FCG3; FCGR3; FCR-10; FCRIII; FCRIIIb;

Gene ID [2215](#)

mRNA Refseq [NM_000570](#)

protein Refseq NP_000561

MIM [610665](#)

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