

Active Recombinant Human FCGR3B Protein(NA1), His-tagged

Cat. No. FCGR3B-314H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human FCGR3B Protein(NA1)(AAA35881.1)(Gly17-Ser200) is expressed from HEK293 with His tag at the C-Terminus.
Species	Human
Source	HEK293
ProteinLength	17-200 aa
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4).
Bio-activity	Loaded Human Fc gamma RIIB (NA1), His Tag on Anti-His-Biosensor can bind Rituximab with an affinity constant of 2.27 μ M as determined in BLI assay .
Molecular Mass	The protein has a predicted MW of 22.52 kDa. Due to glycosylation, the protein migrates to 40-50 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

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Reconstitution Dissolve the lyophilized protein in distilled water.

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](#)

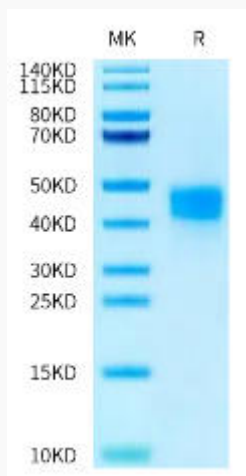
UniProt ID [O75015](#)

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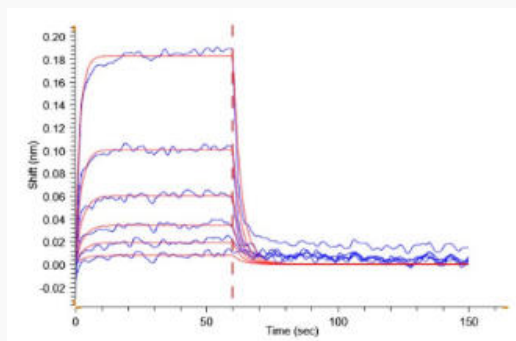
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Bis-Tris PAGE



BLI Data



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