

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

Cat. No. FCGR3B-354H **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 and Avi tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	17-200 aa
Form	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4).
Bio-activity	Biotinylated Human Fc gamma RIIB (NA1), His Tag captured on CM5 Chip via anti-his antibody can bind Rituximab with an affinity constant of 8.00 µM as determined in SPR assay (Biacore T200).
Molecular Mass	The protein has a predicted MW of 23.81 kDa. Due to glycosylation, the protein migrates to 43-53 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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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storage. Please minimize freeze-thaw cycles.

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

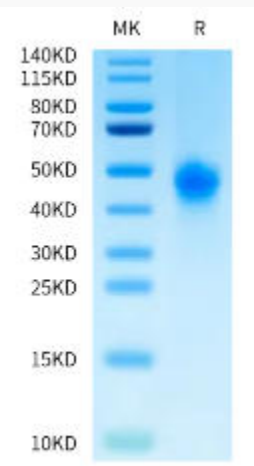
UniProt ID O75015

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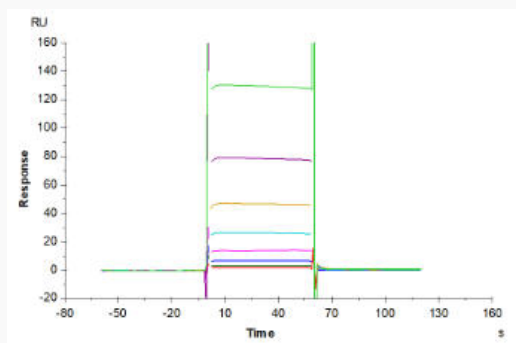
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Bis-Tris PAGE



SPR Data



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