

Recombinant Human FCGR3B Protein, Fc/His-tagged

Cat. No. FCGR3B-284H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human FCGR3B fused with Fc/His tag at C-terminal was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	Receptor for the Fc region of immunoglobulins gamma. Low affinity receptor. Binds complexed or aggregated IgG and also monomeric IgG. Contrary to III-A, is not capable to mediate antibody-dependent cytotoxicity and phagocytosis. May serve as a trap for immune complexes in the peripheral circulation which does not activate neutrophils.
Form	Lyophilized from a 0.2 M filtered solution of PBS, pH 7.4
Molecular Mass	49.3kD
AA Sequence	TEDLPKAVVFLEPQWYSVLEKDSVTLKCQGAYSPEDNSTQWFHNESLISSQASSYFI DAATVNDSGEYRCQTNLSTLSDPVQLEVHIGWLLLQAPRWVFKEDPIHLRCHSWK NTALHKVTYLQNGKDRKYFHHNSDFHIPKATLKDSGSYFCRGLVGSKNVSSETVNITI TQGLAVSTISSFSPPGYQVDDIEGRMDEPKSCDKTHTCPPCPAPPELLGGPSVFLFPP KPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYR VVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSREEM TKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTTPVLDSDGSFFLYSKLTVDKS RWQQGNVFSCSVMHEALHNHYTQKSLSLSPGKHHHHHHH

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

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

 45-1 Ramsey Road, Shirley, NY 11967, USA

Endotoxin	Endotoxin level is <0.1 ng/g of protein (<1EU/g).
Purity	>95% as determined by SDS-PAGE and Coomassie blue staining
Concentration	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 g/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

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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