

Recombinant Human FCGR3B Protein, DYKDDDDK-tagged

Cat. No. FCGR3B-151H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human Fc fragment of IgG receptor IIIb(FCGR3B), transcript variant 2(NM_000570), with a DYKDDDDK tag, was expressed in human cells.
Species	Human
Source	Human Cells
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	Purified protein formulated in a sterile solution of TBS buffer, pH7.240, without any preservatives.
Molecular Mass	24.4 kDa
Endotoxin	Endotoxin level is < 0.1 ng/g of protein (<1EU /g)
Purity	>90% by SDS-PAGE gel and Coomassie Blue staining
Applications	Antigens, Western, ELISA and other in vitro binding or in vivo functional assays, and protein-protein interaction studies.

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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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