

Recombinant Human FCGR3B Protein, His-tagged

Cat. No. FCGR3B-226H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FCGR3B(21-200aa) fused with His tag at C-terminal was expressed in Insect cells.
Species	Human
Source	Insect Cells
ProteinLength	21-200aa
Description	FCGR3B, also known as low affinity immunoglobulin gamma Fc region receptor III-B isoform 2, is a member of Ig super family. It encodes a glycosylphosphatidylinositol (GPI)-anchored protein that is expressed constitutively by neutrophils and after gamma-interferon stimulation by eosinophils. This protein binds to complex or aggregated IgG and monomeric IgG. Unlike III-A, it cannot mediate antibody-dependent cytotoxicity and phagocytosis. It can be a trap of immune complexes in peripheral blood circulation that does not activate neutrophils.
Form	Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.
Molecular Mass	21.4kDa (188aa) 28-40kDa (SDS-PAGE under reducing conditions)
AA Sequence	EDLPKAVVFL EPQWYSVLEK DSVTLKCQGA YSPEDNSTQW FHNENLISSQ ASSYFIDAAT VNDSGEYRCQ TNLSTLSDPV QLEVHIGWLL LQAPRWVFKE EDPIHLRCHS WKNTALHKVT YLQNGKDRKY FHHNSDFHIP KATLKDSGSY FCRGLVGSKN VSSETVNITI TQGLAVSTIS

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	VEHHHHHH
Purity	> 90% by SDS - PAGE
Applications	SDS-PAGE
Storage	Can be stored at +4 centigrade short term (1-2 weeks). For long term storage, aliquot and store at -20 centigrade or -70 centigrade. Avoid repeated freezing and thawing cycles.
Concentration	0.25 mg/ml (determined by Absorbance at 280nm)
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

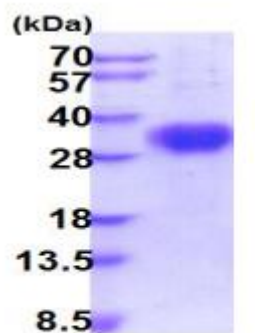
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UniProt ID

O75015



15% SDS-PAGE (3ug)

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