

Recombinant Human FCGR3B Protein, ECD, Tag Free, Biotinylated

Cat. No. FCGR3B-036H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human CD16b (FcγR3b) protein was developed from HEK293.
Species	Human
Source	HEK293
ProteinLength	ECD
Description	The protein encoded by this gene is a low affinity receptor for the Fc region of gamma immunoglobulins (IgG). The encoded protein acts as a monomer and can bind either monomeric or aggregated IgG. This gene may function to capture immune complexes in the peripheral circulation. Several transcript variants encoding different isoforms have been found for this gene. A highly-similar gene encoding a related protein is also found on chromosome 1.
Conjugation/Label	Biotin
Form	Lyophilised
Endotoxin	Endotoxin level was found to be less than 0.1 ng/μg (1 EU/μg).
Applications	ELISA, WB
Notes	FOR RESEARCH USE ONLY (RUO).

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Storage	Recombinant CD16b, as supplied, can be stored in working aliquots at 2 to 8 centigrade for one month, or at -20 to -70 centigrade for twelve months. Avoid repeated freeze/thaw cycles.
Storage Buffer	Lyophilised from 0.2 µm filtered PBS solution, pH 7.4 containing 5% trehalose.
Reconstitution	Upon receipt a quick spin of the vial followed by reconstitution in distilled water to a concentration not less than 0.1 mg/mL.
Conjugation	Biotin
GENE INFORMATION	
Gene Name	FCGR3B Fc fragment of IgG, low affinity IIIb, receptor (CD16b) [Homo sapiens (human)]
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

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