

Active Recombinant Human FCGR3B protein, Biotinylated

Cat. No. FCGR3B-3869HB **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FCGR3B protein mature form (O75015.2) (Met 18-Gly 193), fused with no tag, was expressed in E. coli. The purified protein was biotinylated in vitro.
Species	Human
Source	E.coli
ProteinLength	18-193 a.a.
Predicted N Terminal	Met
Form	Lyophilized from sterile PBS, pH 7.4, 5% trehalose, 5% mannitol and 0.01% Tween80.
Bio-activity	Measured by its ability to bind human IgG1 in a functional ELISA.
Molecular Mass	The recombinant human CD16b comprises 176 amino acids and has a predicted molecular mass of 20 kDa.
Endotoxin	Please contact us for more information.
Purity	> 90 % as determined by SDS-PAGE.
Characteristic	Labeling ratio of biotin to protein is 5.51.

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Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 mg/ml. Centrifuge the vial at 4°C before opening to recover the entire contents.
Shipping	In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.
Conjugation	Biotin

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

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MIM	610665
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UniProt ID	O75015
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