

## Recombinant Human FCGR3B Protein, His-tagged

**Cat. No.** FCGR3B-1473H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human FCGR3B Protein (Pro24-Ser203) with N-His tag was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Pro24-Ser203
<b>Description</b>	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.
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 21.2 kDa Accurate Molecular Mass: 38-44 kDa
<b>Purity</b>	> 90%
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.

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<b>Stability</b>	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
<b>Storage Buffer</b>	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
<b>Reconstitution</b>	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

## GENE INFORMATION

<b>Gene Name</b>	FCGR3B Fc fragment of IgG, low affinity IIIb, receptor (CD16b) [ Homo sapiens (human) ]
<b>Official Symbol</b>	FCGR3B
<b>Synonyms</b>	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;
<b>Gene ID</b>	2215
<b>mRNA Refseq</b>	NM_000570

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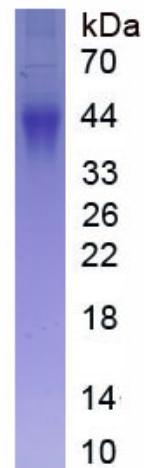
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**Protein Refseq** NP\_000561

**MIM** 610665

**UniProt ID** O75015



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