

Recombinant Human FCGR3B protein, His & T7-tagged

Cat. No. FCGR3B-6752H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human FCGR3B aa. (Pro24~Ser203 (Accession # O75015)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Pro24~Ser203
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.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 24.2kDa.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.9.

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Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	FCGR3B Fc fragment of IgG receptor IIIb [Homo sapiens (human)]
Official Symbol	FCGR3B
Synonyms	CD16; FCG3; CD16b; FCGR3; FCR-10; FCRIII; FCRIIIb; Fc fragment of IgG, low affinity IIIb, receptor (CD16b); Fc gamma receptor IIIb; Fc-gamma receptor IIIb (CD 16); fc-gamma RIII-beta; fc-gamma RIIIb; igG Fc receptor III-1; low affinity immunoglobulin gamma Fc region receptor III-B
Gene ID	2215
mRNA Refseq	NM_000570.4

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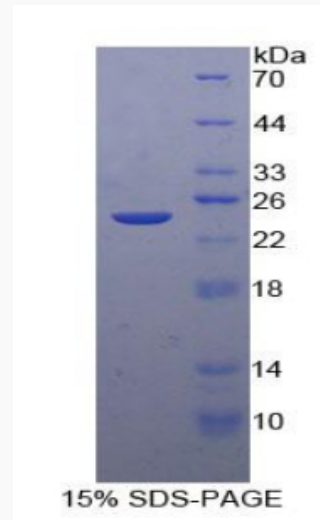
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Protein Refseq NP_000561.3

UniProt ID O75015

SDS-PAGE



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