

Active Recombinant Human FCGR3A protein(F176), His-tagged

Cat. No. FCGR3A-625H Lot. No. (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human FCGR3A protein(P08637)(Gly17-Gln208) is expressed in HEK293 with a 6His tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	17-208 aa
Form	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
Bio-activity	Loaded Human IgG1 Fc on Protein-A Biosensor, can bind Human CD16a (F176)-His with an affinity constant of 1.35 µM as determined in BLI assay.
Molecular Mass	22.7 KDa
Endotoxin	< 1 EU/g as determined by LAL test.
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Storage	Lyophilized protein should be stored at ≤ -20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at ≤ -20°C for 3 months.

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Reconstitution

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100µg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

GENE INFORMATION

Gene Name [FCGR3A Fc fragment of IgG, low affinity IIIa, receptor \(CD16a\) \[Homo sapiens \]](#)

Official Symbol [FCGR3A](#)

Synonyms

FCGR3A; Fc fragment of IgG, low affinity IIIa, receptor (CD16a); Fc fragment of IgG, low affinity IIIa, receptor for (CD16) , FCG3, FCGR3; low affinity immunoglobulin gamma Fc region receptor III-A; CD16; CD16a; Fc gammaRIIIA; CD16a antigen; fc-gamma RIII; Fc-gamma RIIIa; Fc-gamma RIII-alpha; igG Fc receptor III-2; Fc gamma receptor III-A; Fc-gamma receptor IIIb (CD16); neutrophil-specific antigen NA; Fc-gamma receptor III-2 (CD 16); immunoglobulin G Fc receptor III; Fc fragment of IgG, low affinity III, receptor for (CD16); FCG3; CD16A; FCGR3; IGFR3; FCR-10; FCRIII; FCGRIII; FCRIIIA;

Gene ID [2214](#)

mRNA Refseq [NM_000569](#)

Protein Refseq [NP_000560](#)

MIM [146740](#)

UniProt ID [P08637](#)

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