

Active Recombinant Human FCGR3A protein(F176), His & Avi-Tagged, Biotinylated, Low Endotoxin

Cat. No. FCGR3A-2965H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Active Recombinant Human FCGR3A protein(F176)(P08637-1)(Gly17-Gln208) is expressed from HEK293 with His tag and Avi tag at the C-Terminus.
Species	Human
Source	HEK293
ProteinLength	17-208 aa
Conjugation/Label	Biotin
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4).
Bio-activity	Immobilized Anti-Fc gamma RIIIA Antibody, hFc Tag at 5µg/ml (100µl/Well) on the plate. Dose response curve for Biotinylated Human Fc gamma RIIIA (F176), His-Avi Tag with the EC50 of 18.9ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 24.7 kDa. Due to glycosylation, the protein migrates to 48-58 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC

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Storage -20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Reconstitution Dissolve the lyophilized protein in distilled water.

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; FcgammaRIIIA; 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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