

Active Recombinant Human FCGR3A protein, His-tagged

Cat. No. FCGR3A-626H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FCGR3A protein(Gly17-Gln208), fused with C-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	17-208 aa
Form	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Bio-activity	1. Measured by its binding ability in a functional ELISA. Immobilized Human FCGR3A at 1 µg/mL (100 µL/well) can bind FCGR3A Mouse mAb with a linear range of 0.13-6.1 ng/mL. 2. Measured by its binding ability in a functional ELISA. Immobilized Human FCGR3A at 1 µg/mL (100 µL/well) can bind FCGR3A Mouse mAb with a linear range of 0.06-7.1 ng/mL.
Molecular Mass	22.68 kDa
Endotoxin	< 0.1 EU/µg of the protein by LAL method.
Purity	≥ 95 % as determined by SDS-PAGE.
Storage	Store at -20°C. Store the lyophilized protein at -20°C to -80°C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months,

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at 2-8°C for up to 1 week.

Reconstitution

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-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; 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

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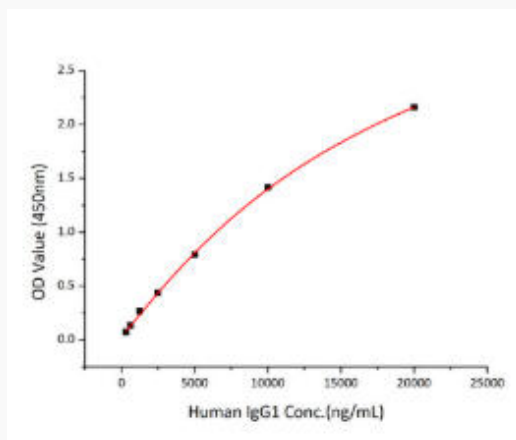
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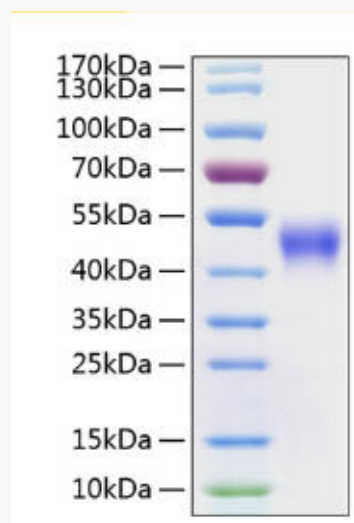
UniProt ID

P08637

Activity



SDS-PAGE



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