

Active Recombinant Human FCGR1A Protein, Avi-His-tagged, Biotinylated

Cat. No. FCGR1A-3817H Lot. No. (See product label)

SPECIFICATION

Product Overview	Biotinylated Active Recombinant Human FCGR1A Protein(NP_000557.1) (Met 1- Thr 287) was expressed in HEK293, fused with a c-terminal polyhistidine tagged AVI tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-287 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Specificity	Labeling ratio of biotin to protein: 1.09
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized recombinant CD64-AVI-His at 10 µg/ml (100 µl/well) can human IgG1 with a linear range of 1.56-50 ng/ml.
Molecular Mass	The secreted recombinant human CD64 consists of 307 amino acids and has a predicted molecular mass of 34.4 kDa.
Endotoxin	< 1 EU/g as determined by LAL test.
Purity	> 90 % as determined by SDS-PAGE

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Storage Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name FCGR1A Fc fragment of IgG, high affinity Ia, receptor (CD64) [Homo sapiens]

Official Symbol FCGR1A

Synonyms FCGR1A; Fc fragment of IgG, high affinity Ia, receptor (CD64); Fc fragment of IgG, high affinity Ia, receptor for (CD64); high affinity immunoglobulin gamma Fc receptor I; CD64; CD64A; fcgammaRIa; Fc-gamma RI; fc-gamma RIA; Fc gamma receptor; IgG Fc receptor I; Fc-gamma receptor I A1; FCRI; IGFR1; FLJ18345;

Gene ID 2209

mRNA Refseq NM_000566

Protein Refseq NP_000557

MIM 146760

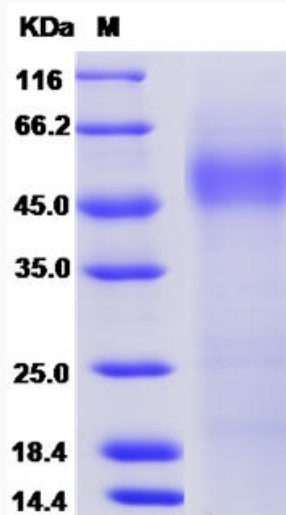
UniProt ID P12314

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SDS-PAGE



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