

Recombinant Human FCGR1A Protein

Cat. No. FCGR1A-540H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human FCGR1A protein without tag was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	374
Description	This gene encodes a protein that plays an important role in the immune response. This protein is a high-affinity Fc-gamma receptor. The gene is one of three related gene family members located on chromosome 1.
Form	Lyophilized
AA Sequence	MWFLTLLLLWVPVDGQVDTTKAVITLQPPWVSFQEETVTLHCEVLHLPGSSSTQW FLNGTATQTSTPSYRITSASVNDSGEYRCQRGLSGRSDPIQLEIHRGWLLLQVSSRV FTEGEPLALRCHAWKDKLVYNVLYYRNGKAFKFFHWNSNLTILKTNISHNGTYHCSG MGKHRYTSAGISVTVKELFPAPVLNASVTSPLLEGNLVTLSCETKLLLQRPGLQLYFS FYMGSKTLRGRNTSSEYQILTARREDSGLYWCEAATEDGNVLKRSPELELQVLGLQ LPTPVWFHVLFLAVGIMFLVNTVLWVTIRKELKRKKKWDLEISLDSGHEKKVISSLQ EDRHLEEEELKCQEQLQEGVHRKEPQGAT
Purity	> 98%
Applications	WB; ELISA; FACS; FC

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Stability	This bioreagent is stable at 4 centigrade (short-term) and -70 centigrade(long-term). After reconstitution, sample may be stored at 4 centigrade for 2-7 days and below -18 centigrade for future use.
Storage	At -20 centigrade.
Concentration	1 mg/mL
Storage Buffer	PBS (pH 7.4-7.5). Sterile-filtered colorless solution.
Reconstitution	Reconstitute in sterile distilled H2O to no less than 100 µg/mL; dilute reconstituted stock further in other aqueous solutions if needed. Please review COA for lot-specific instructions. Final measurements should be determined by the end-user for optimal performance.

GENE INFORMATION

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

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Protein Refseq	NP_000557
MIM	146760
UniProt ID	P12314

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