

## Recombinant Human FCGR1A Protein

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant human FCGR1A protein without tag was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	374
<b>Description</b>	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.
<b>Form</b>	Lyophilized
<b>AA Sequence</b>	MWFLTLLLLWVPVDGQVDTTKAVITLQPPWVSVFQEETVTLHCEVLHLPGSSSTQW FLNGTATQTSTPSYRITSASVNDSDGEYRCQRGLSGRSDPIQLEIHRGWLLLQVSSRV FTEGEPLALRCHAWKDKLVYNVLYYRNGKAFKFFHWNSNLTKTNISHNGTYHCSG MGKHRYTSAGISVTVKELFPAPVLNASVTSPLLEGNLVTLSCETKLLLQRPGLQLYFS FYMGSKTLRGRNTSSEYQILTARREDSGLYWCEAATEDGNVLKRSPELELQVLGLQ LPTPVWFHVLFYLA VGIMFLVNTVLWVTIRKELKRKKKWDLEISLDSGHEKKVISSLQ EDRHLEEEELKCQEQKEEQQLQEGVHRKEPQGAT
<b>Purity</b>	> 98%
<b>Applications</b>	WB; ELISA; FACS; FC

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<b>Stability</b>	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.
<b>Storage</b>	At -20 centigrade.
<b>Concentration</b>	1 mg/mL
<b>Storage Buffer</b>	PBS (pH 7.4-7.5). Sterile-filtered colorless solution.
<b>Reconstitution</b>	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

<b>Gene Name</b>	FCGR1A Fc fragment of IgG, high affinity Ia, receptor (CD64) [ Homo sapiens (human) ]
<b>Official Symbol</b>	FCGR1A
<b>Synonyms</b>	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;
<b>Gene ID</b>	2209
<b>mRNA Refseq</b>	NM_000566

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**Protein Refseq** NP\_000557

**MIM** 146760

**UniProt ID** P12314

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