

Recombinant Full Length Human FCGR2A Protein

Cat. No. FCGR2A-4738HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human FCGR2A full-length ORF (AAH20823.1) recombinant protein without tag.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	542 amino acids
Description	This gene encodes one member of a family of immunoglobulin Fc receptor genes found on the surface of many immune response cells. The protein encoded by this gene is a cell surface receptor found on phagocytic cells such as macrophages and neutrophils, and is involved in the process of phagocytosis and clearing of immune complexes. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2008]
Form	Liquid
Molecular Mass	34.9 kDa
AA Sequence	MTMETQMSQNVCPRLWLLQPLTVLLLLASADSQAAPPKAVLKLEPPWINVLQEDS VT LTCQGARSPESDSIQWFHNGNLIPTHTQPSYRFKANNNDSGEYTCQTGQTSLS D PVHLT V LSEWLVLQTPHLEFQEGETIMLRCHSWKDKPLVKVTFQNGKSQKFSLD PTFSIPQANHSHSGDYHCTGNIGYTLFSSKPVTITVQVPSMGSSSPMGVIVAVVIATA VAAIVAAVVALIYCRKKRISANSTDPVKAAQFEPGRQMIAIRKRQLEETNNDYETAD GGYMTLNPRAPTDDDKNIYLTLPNDHVNNSN

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Applications	Antibody Production Functional Study Compound Screening
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	25 mM Tris-HCl of pH 8.0 containing 2% glycerol.
GENE INFORMATION	
Gene Name	FCGR2A Fc fragment of IgG, low affinity IIa, receptor (CD32) [Homo sapiens]
Official Symbol	FCGR2A
Synonyms	FCGR2A; Fc fragment of IgG, low affinity IIa, receptor (CD32); Fc fragment of IgG, low affinity IIa, receptor for (CD32) , FCG2, FCGR2, FCGR2A1; low affinity immunoglobulin gamma Fc region receptor II-a; CD32; CD32A; CDw32; IGFR2; Immunoglobulin G Fc receptor II; fcRII-a; fc-gamma-RIIa; fc-gamma RII-a; igG Fc receptor II-a; FCG2; FcGR; FCGR2; FCGR2A1; MGC23887; MGC30032;
Gene ID	2212
mRNA Refseq	NM_001136219
Protein Refseq	NP_001129691
MIM	146790
UniProt ID	P12318

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