Recombinant Human FCGR2A, GST-tagged

Cat. No. FCGR2A-12819H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FCGR2A protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	39-220a.a.
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.
Storage	The protein is stored in PBS buffer at -20℃. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100,15%glycerol.

GENE INFORMATION

Gene Name	FCGR2A Fc fragment of IgG, low affinity IIa, receptor (CD32) [Homo sapiens]

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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
Chromosome Location	1q23
Pathway	Fc gamma R-mediated phagocytosis, organism-specific biosystem; Fc gamma R-mediated phagocytosis, conserved biosystem; Leishmaniasis, organism-specific biosystem; Leishmaniasis, conserved biosystem; Osteoclast differentiation, organism-specific biosystem; Osteoclast differentiation, conserved biosystem; Phagosome, organism-specific biosystem;
Function	IgG binding; receptor activity;

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