

Recombinant Human FCGR1A, His-tagged

Cat. No. FCGR1A-12818H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human FCGR1A protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	21-290a.a.
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.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

GENE INFORMATION

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

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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
Chromosome Location	1q21.2-q21.3
Pathway	Adaptive Immune System, organism-specific biosystem; Antigen processing-Cross presentation, organism-specific biosystem; Class I MHC mediated antigen processing & presentation, organism-specific biosystem; Cross-presentation of soluble exogenous antigens (endosomes), organism-specific biosystem; Cytokine Signaling in Immune system, organism-specific biosystem; Fc gamma R-mediated phagocytosis, organism-specific biosystem;
Function	IgG binding; protein binding; receptor activity; receptor signaling protein activity;