

Recombinant Human FCGR2A, His-tagged

Cat. No. FCGR2A-7236H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human FCGR2A protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
description	Low affinity immunoglobulin gamma Fc region receptor II-a, also known as FCGR2A, is a member of a family of immunoglobulin Fc receptor genes found on the surface of many immune response cells. This protein 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.
source	E. coli
species	Human
tag	His
form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 50% glycerol, 1mM DTT
molecular mass	23.0 kDa (208aa)
aa sequence	MGSSHHHHHH SSGLVPRGSH MGSHMQAAPP KAVLKLEPPW INVLQEDSVT

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LTCQGARSPE SDSIQWFHNG NLIPTHTQPS YRFKANNDS GEYTCQTGQT
SLSDPVHLTV LSEWLVLQTP HLEFQEGETI MLRCHSWKDK PLVKVTFFQN
GKSQKFSRLD PTFSIPQANH SHSGDYHCTG NIGYTLFSSK PVTITVQVPS
MGSSSPMG

purity >90% by SDS - PAGE

applications SDS-PAGE

storage Can be stored at 4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

concentration 0.25 mg/ml

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](#)

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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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