

## Recombinant Human FCGR2A, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant human FCGR2A protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>description</b>	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.
<b>source</b>	E. coli
<b>species</b>	Human
<b>tag</b>	His
<b>form</b>	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 50% glycerol, 1mM DTT
<b>molecular mass</b>	23.0 kDa (208aa)
<b>aa sequence</b>	MGSSHHHHHH SSGLVPRGSH MGSHMQAAPP KAVLKLEPPW INVLQEDSVT

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LTCQGARSPE SDSIQWFHNG NLIPTHTQPS YRFKANNDS GEYTCQTGQT  
 SLSDPVHLTV LSEWLVLQTP HLEFQEGETI MLRCHSWKDK PLVKVTTFFQN  
 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 Ila, receptor (CD32) [ Homo sapiens ]

**official symbol** FCGR2A

**synonyms** FCGR2A; Fc fragment of IgG, low affinity Ila, receptor (CD32); Fc fragment of IgG, low affinity Ila, 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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<b>mim</b>	146790
<b>uniprot id</b>	P12318
<b>chromosome location</b>	1q23
<b>pathway</b>	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;
<b>function</b>	IgG binding; receptor activity;

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