

# Recombinant Human FCGR1A Overexpression Lysate(Met 1-Pro 288)

**Cat. No.** FCGR1A-6279HCL    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Human FCGR1A Overexpression Lysate (NP_000557.1) (Met1-Pro288) was expressed in CHO with a polyhistidine tag at the C-terminus.
<b>Species</b>	Human
<b>Source</b>	CHO
<b>ProteinLength</b>	Met 1-Pro 288
<b>Form</b>	Modified RIPA Lysis Buffer: 50 mM Tris-HCl pH 7.4, 150 mM NaCl, 1mM EDTA, 1% Triton X-100, 0.1% SDS, 1% Sodium deoxycholate, 1mM PMSF.
<b>Molecular Mass</b>	The recombinant human FCGR1A consists of 284 amino acids and predicts a molecular mass of 32 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of the recombinant human FCGR1A is approximately 45-60 kDa due to glycosylation.
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	1. Centrifuge the tube for a few seconds and ensure the pellet at the bottom of the tube. 2. Re-dissolve the pellet using 200µL pure water and boil for 2-5 min.

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**GENE INFORMATION**

<b>Gene Name</b>	FCGR1A Fc fragment of IgG, high affinity Ia, receptor (CD64) [ Homo sapiens ]
<b>Official Symbol</b>	FCGR1A
<b>Synonyms</b>	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;
<b>Gene ID</b>	2209
<b>mRNA Refseq</b>	NM_000566
<b>Protein Refseq</b>	NP_000557
<b>MIM</b>	146760
<b>UniProt ID</b>	P12314

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