

Active GMP Recombinant Human FCGR3A protein

Cat. No. FCGR3A-788HG **Lot. No.** (See product label)

SPECIFICATION

Product Overview	GMP Recombinant Human FCGR3A protein(NP_000560)(254 aa), fused with His Tag at the C-terminal, was expressed in HEK293 cell in an animal component free process under cGMP guidelines.
Species	Human
Source	HEK293
ProteinLength	DNA sequence encoding Human CD16a (F176)(UniProtKB/Swiss-Prot: P08637.2) was expressed with His tag at the C-terminal.
Form	Freeze-dried powder contains Sterile PBS (pH 7.4) with 6% mannitol.
Bio-activity	The linear range of immobilized Anti-CD16a antibody at 1 ug/mL(100 uL/well) that can bind to Human CD16a (F176) (His tag) is 1-20ng/mL.
Molecular Mass	Recombinant Human FCGR3A protein contains 254 aa. It has a predicted MW of 23.5 kDa.
Endotoxin	<0.1EU/ug
Purity	>=95% by SDS-PAGE and HPLC
Storage	The lyophilized preparation can be stored at 4°C for 24 months, and the dissolved liquid can be stored at -20°C for 6-12 months to avoid repeated freezing and thawing

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	FCGR3A Fc fragment of IgG, low affinity IIIa, receptor (CD16a) [Homo sapiens]
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Official Symbol	FCGR3A
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Synonyms	FCGR3A; CD16A; FCG3; FCGR3; IGFR3
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Gene ID	2214
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mRNA Refseq	NM_000569
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Protein Refseq	NP_000560
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MIM	146740
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UniProt ID	P08637
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