

## Active Recombinant Human FCGR3A, His-tagged, 176 Phe

Cat. No. FCGR3A-625H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human FCGR3A extracellular domain (Met 1-Gln 208, 176 Phe) was expressed in human cells with a C-terminal polyhistidine tag.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	1-208 a.a.
<b>Form</b>	Liquid
<b>Bio-activity</b>	Measured by its binding ability in a functional ELISA. Immobilized human CD16a-His at 10 µg/ml (100 µl/well) can bind biotinylated human IgG1, The EC50 of biotinylated human IgG1 is 0.90-2.30 µg/ml.
<b>Molecular Mass</b>	The secreted recombinant human CD16a consists of 203 amino acids and has a predicted molecular mass of 23.3 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rh CD16a is approximately 45-50 kDa due to glycosylation.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method
<b>Purity</b>	> 97 % as determined by SDS-PAGE
<b>Storage</b>	Store it under sterile conditions at -20 centigrade to -80 centigrade. It is

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recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

**Storage buffer** Sterile PBS, pH 7.4

## GENE INFORMATION

**Gene Name** FCGR3A Fc fragment of IgG, low affinity IIIa, receptor (CD16a) [ Homo sapiens ]

**Official Symbol** FCGR3A

**Synonyms** CD16; FCG3; CD16A; FCGR3; IGFR3; IMD20; FCR-10; FCRIII; FCGRIII; FCRIIIA

**Gene ID** 2214

**mRNA Refseq** NM\_000569

**Protein Refseq** NP\_000560

**MIM** 146740

**UniProt ID** P08637

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