

# Recombinant Human FCGR3A, His tagged

**Cat. No.** FCGR3A-6935H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                       |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human FCGR3A (P08637-1) extracellular domain (Met 1-Gln 208), fused with a C-terminal polyhistidine tag, was produced in Human Cell.                                                                                                      |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                 |
| <b>Source</b>           | Human Cells                                                                                                                                                                                                                                           |
| <b>Source</b>           | Human Cells                                                                                                                                                                                                                                           |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                 |
| <b>Tag</b>              | His                                                                                                                                                                                                                                                   |
| <b>Form</b>             | Lyophilized from sterile PBS, pH 7.4                                                                                                                                                                                                                  |
| <b>Molecular Mass</b>   | The secreted recombinant human CD16a (176 Phe/Val) consists of 203 amino acids and predicts a molecular mass of 23.3 kDa. By SDS-PAGE under reducing conditions, the apparent molecular mass of rhCD16a is approximately 48 kDa due to glycosylation. |
| <b>Endotoxin</b>        | < 1.0 eu per µg of the protein as determined by the LAL method.                                                                                                                                                                                       |
| <b>Stability</b>        | Samples are stable for up to twelve months from date of receipt at -70oC.                                                                                                                                                                             |
| <b>Storage</b>          | Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein                                                                                                                                                                  |

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be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution. 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 ] |
| Official Symbol | FCGR3A                                                                          |
| Gene ID         | 2214                                                                            |
| mRNA Refseq     | NM_000569                                                                       |
| Protein Refseq  | NP_000560                                                                       |
| MIM             | 146740                                                                          |
| UniProt ID      | P08637                                                                          |

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