

# Active Recombinant Human FCGR3A protein(F176), His-Avi-tagged, Biotinylated, Low Endotoxin

**Cat. No.** FCGR3A-2965H    **Lot. No.** (See product label)

## SPECIFICATION

|                          |                                                                                                                                                                                                                      |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>  | Biotinylated Recombinant Human FCGR3A protein(P08637-1)(17-208 aa(F176)), fused with C-terminal His and Avi tag, was expressed in HEK293.                                                                            |
| <b>Species</b>           | Human                                                                                                                                                                                                                |
| <b>Source</b>            | HEK293                                                                                                                                                                                                               |
| <b>ProteinLength</b>     | 17-208 aa                                                                                                                                                                                                            |
| <b>Conjugation/Label</b> | Biotin                                                                                                                                                                                                               |
| <b>Form</b>              | Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.                                                                                       |
| <b>Bio-activity</b>      | Immobilized Anti-Fc gamma RIIIA Antibody, hFc Tag at 5µg/ml (100µl/Well) on the plate. Dose response curve for Biotinylated Human Fc gamma RIIIA (F176), His-Avi Tag with the EC50 of 18.9ng/ml determined by ELISA. |
| <b>Molecular Mass</b>    | The protein has a predicted MW of 24.7 kDa. Due to glycosylation, the protein migrates to 48-58 kDa based on Bis-Tris PAGE result.                                                                                   |
| <b>Endotoxin</b>         | Less than 0.01 EU per µg by the LAL method.                                                                                                                                                                          |
| <b>Purity</b>            | > 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC                                                                                                                                                    |

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**Storage** Store at -20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

**Reconstitution** Dissolve the lyophilized protein in distilled water.

## GENE INFORMATION

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

**Official Symbol** FCGR3A

**Synonyms** FCGR3A; Fc fragment of IgG, low affinity IIIa, receptor (CD16a); Fc fragment of IgG, low affinity IIIa, receptor for (CD16), FCG3, FCGR3; low affinity immunoglobulin gamma Fc region receptor III-A; CD16; CD16a; FcgammaRIIIA; CD16a antigen; fc-gamma RIII; Fc-gamma RIIIa; Fc-gamma RIII-alpha; igG Fc receptor III-2; Fc gamma receptor III-A; Fc-gamma receptor IIIb (CD16); neutrophil-specific antigen NA; Fc-gamma receptor III-2 (CD 16); immunoglobulin G Fc receptor III; Fc fragment of IgG, low affinity III, receptor for (CD16); FCG3; CD16A; FCGR3; IGFR3; FCR-10; FCRIII; FCGRIII; FCRIIIA;

**Gene ID** 2214

**mRNA Refseq** NM\_000569

**Protein Refseq** NP\_000560

**MIM** 146740

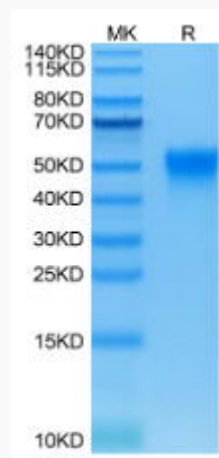
**UniProt ID** P08637

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## Bis-Tris PAGE



## ELISA Data

