## PRODUCT INFORMATION

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|---|---|
| **Target** | FCGR1A |
| **Synonyms** | CD64; FCG1; FCRI; CD64A; FCGR1; IGFR1; FcgammaRI |
| **Description** | Recombinant human FCGR1A Protein with C-terminal 6×His tag |
| **Delivery** | In Stock |
| **Uniprot ID** | P12314 |
| **Expression Host** | HEK293 |
| **Tag** | C-6×His tag |
| **Molecular Characterization** | FCGR1A(Gln16-Pro288) 6×His tag |
| **Molecular Weight** | The protein has a predicted molecular mass of 31.4 kDa after removal of the signal peptide. The apparent molecular mass of FCGR1A-His is approximately 35-70 kDa due to glycosylation. |
| **Purity** | The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining. |
| **Formulation & Reconstitution** | Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution. |
| **Storage&Shipping** | Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature. |
| **Background** | This gene encodes a protein that plays an important role in the immune response. This protein is a high-affinity Fc-gamma receptor. The gene is one of three related gene family members located on chromosome 1. [provided by RefSeq, Jul 2008] |
| **Usage** | Research use only |
| **Conjugate** | Unconjugated |

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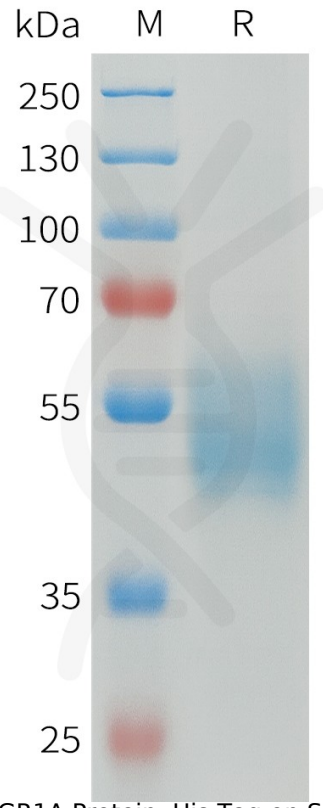



Figure 1. Human FCGR1A Protein, His Tag on SDS-PAGE under reducing condition.

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