

**PRODUCT INFORMATION**

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| <b>Target</b>                           | IFNGR1   |
| <b>Synonyms</b>                         | CD119; IFNGR; IMD27A; IMD27B   |
| <b>Description</b>                      | Recombinant human IFNGR1 Protein with C-terminal 10×His tag  |
| <b>Delivery</b>                         | In Stock   |
| <b>Uniprot ID</b>                       | P15260   |
| <b>Expression Host</b>                  | HEK293   |
| <b>Tag</b>                              | C-10×His tag   |
| <b>Molecular Characterization</b>       | IFNGR1(Glu18-Gly245) 10×His tag  |
| <b>Molecular Weight</b>                 | The protein has a predicted molecular mass of 27.2 kDa after removal of the signal peptide. The apparent molecular mass of IFNGR1-His is approximately 35-55 kDa due to glycosylation.   |
| <b>Purity</b>                           | The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.   |
| <b>Formulation &amp; Reconstitution</b> | 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.  |
| <b>Storage &amp; Shipping</b>           | 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.  |
| <b>Background</b>                       | This gene (IFNGR1) encodes the ligand-binding chain (alpha) of the gamma interferon receptor. Human interferon-gamma receptor is a heterodimer of IFNGR1 and IFNGR2. A genetic variation in IFNGR1 is associated with susceptibility to Helicobacter pylori infection. In addition, defects in IFNGR1 are a cause of mendelian susceptibility to mycobacterial disease, also known as familial disseminated atypical mycobacterial infection. [provided by RefSeq, Jul 2008] |
| <b>Usage</b>                            | Research use only  |
| <b>Conjugate</b>                        | Unconjugated   |



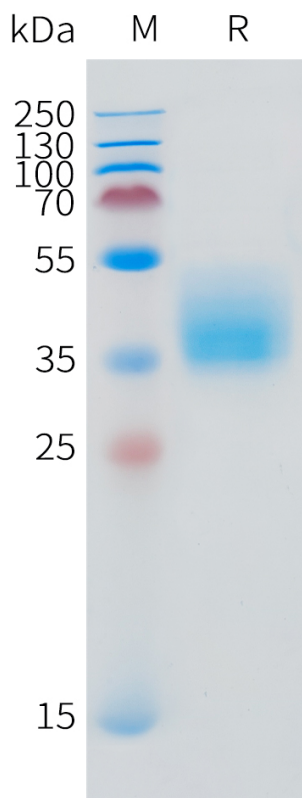


Figure 1. Human IFNGR1 Protein, His Tag on SDS-PAGE under reducing condition.

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