## PRODUCT INFORMATION

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|---|---|
| **Target** | IFN |
| **Synonyms** | Interferon Gamma;IFN-Gamma;Immune Interferon;IFNG |
| **Description** | Recombinant Human Interferon Gamma is produced by our Mammalian expression system and the target gene encoding Gln24-Gln166 is expressed. |
| **Delivery** | In Stock |
| **Uniprot ID** | P01579 |
| **Expression Host** | HEK293 |
| **Molecular Characterization** | Not available |
| **Molecular Weight** | 16.8 KDa |
| **Purity** | Greater than 95% as determined by reducing SDS-PAGE. |
| **Formulation & Reconstitution** | Lyophilized from a 0.2 μm filtered solution of 20mM PB, 4% Mannitol, 2% Sucrose, 0.02% Tween80, pH7.4. |
| **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** | IFNγ is the major interferon produced by mitogenically or antigenically stimulated lymphocytes. It is structurally different from type I interferon and its major activity is immunoregulation. It has been implicated in the expression of class II histocompatibility antigens in cells that do not normally produce them, leading to autoimmune disease. Interferon gamma is produced mainly byT-cells and natural killer cells activated by antigens, mitogens, or alloantigens. It is produced by lymphocytes expressing the surface antigens CD4 and CD8. IFNγ synthesis is induced by IL-2, FGF-basic, and EGF. |
| **Usage** | Research use only |
| **Conjugate** | Unconjugated |

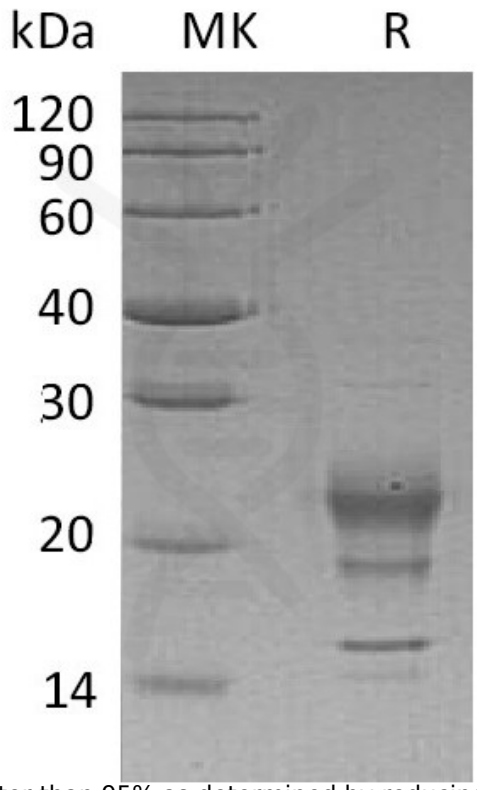


Figure 1. Greater than 95% as determined by reducing SDS-PAGE.