

## Recombinant Human IFNG Protein

**Cat. No.** IFNG-50H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | This recombinant protein contains full length of Human IFN- $\gamma$ without tag was expressed in E. coli.                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Description</b>      | This gene encodes a soluble cytokine that is a member of the type II interferon class. The encoded protein is secreted by cells of both the innate and adaptive immune systems. The active protein is a homodimer that binds to the interferon gamma receptor which triggers a cellular response to viral and microbial infections. Mutations in this gene are associated with an increased susceptibility to viral, bacterial and parasitic infections and to several autoimmune diseases. |
| <b>Form</b>             | Affinity purified, liquid                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Molecular Mass</b>   | 18 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Purity</b>           | >95% pure by SDS-PAGE                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Applications</b>     | Suitable for use in ELISA, WB and other immune tests                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Storage</b>          | Upon receipt, store at 2-8 centigrade.                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Storage Buffer</b>   | Phosphate saline, pH 8, and 8 M Urea                                                                                                                                                                                                                                                                                                                                                                                                                                                        |

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Full Length

Full L.

## GENE INFORMATION

**Gene Name** IFNG interferon gamma [ Homo sapiens (human) ]**Official Symbol** IFNG**Synonyms** IFNG; interferon gamma; IFG; IFI; IMD69; interferon gamma; IFN-gamma; immune interferon**Gene ID** 3458**mRNA Refseq** NM\_000619**Protein Refseq** NP\_000610**MIM** 147570**UniProt ID** P01579 Tel: 1-631-559-9269 1-516-512-3133 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA