

## Recombinant Human IFNGR1 Protein, His-tagged

Cat. No. IFNGR1-001H Lot. No. (See product label)

### SPECIFICATION

|                                     |  |
|-------------------------------------|--|
| <b>Product Overview</b>             | Recombinant human IFNGR1(18-245aa), fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.   |
| <b>Species</b>                      | Human  |
| <b>Source</b>                       | Insect Cells   |
| <b>ProteinLength</b>                | 18-245 a.a.  |
| <b>Description</b>                  | IFNGR1, also known as interferon gamma receptor 1, is a member of the hematopoietic cytokine receptor superfamily. It is a receptor that binds interferon- $\gamma$ , the sole member of interferon type II. It induces the rapid dimerization of chains, thereby forming a site that is recognized by the extracellular domain of IFNGR2. It is expressed in a membrane-bound form in many cell types, and is over-expressed in tumour cells. Its signaling promotes autoimmune germinal centers via cell-intrinsic induction of BCL-6. It is crucial for host defence against mycobacterial infections. It is associated with susceptibility to pulmonary tuberculosis (TB). |
| <b>Form</b>                         | Liquid   |
| <b>Molecular Mass</b>               | 26.6 kDa   |
| <b>N-terminal Sequence Analysis</b> | Glu 18   |

 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

|                       |   |
|-----------------------|---|
| <b>Endotoxin</b>      | < 1.0 EU per 1 µg of protein (determined by LAL method)   |
| <b>Purity</b>         | > 90% by SDS - PAGE   |
| <b>Storage</b>        | Can be stored at +4 centigrade short term (1-2 weeks). For long term storage, aliquot and store at -20 centigrade or -70 centigrade. Avoid repeated freezing and thawing cycles.  |
| <b>Concentration</b>  | 1.0 mg/mL (determined by Absorbance at 280nm)   |
| <b>Storage Buffer</b> | In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.  |
| <b>Warning</b>        | For research use only. This product is not intended or approved for human, diagnostics or veterin   |
| <b>AA Sequence</b>    | EMGTADLGPSSVPTPTNVTIESYMNPIVYWEYQIMPQVPVFTVEVKNYGVKNSEWI<br>DACINISHHYCNISDHVGDPSNSLWVRVKARVGQKESAYAKSEEFVCRDGGKIGPPK<br>LDIRKEEKQIMIDIFHPSVFNVDQEQVDYDPETTCYIRVYNVYVRMNGSEIQYKILTQ<br>KEDDCDEIQCQLAIPVSSLNSQYCVSAEGLVHVWGVTTTEKSKEVCITIFNSSIKGHHH<br>HHH |

## GENE INFORMATION

|                        |  |
|------------------------|--|
| <b>Gene Name</b>       | IFNGR1 interferon gamma receptor 1 [ Homo sapiens (human) ]        |
| <b>Official Symbol</b> | IFNGR1   |
| <b>Synonyms</b>        | IFNGR1; interferon gamma receptor 1; CD119; IFNGR; IMD27A; IMD27B; |
| <b>Gene ID</b>         | 3459   |

 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

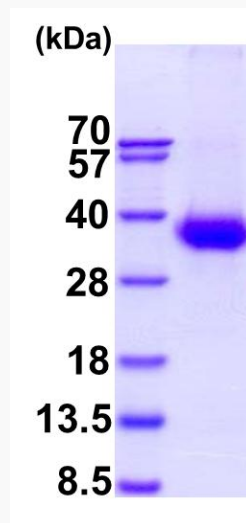
mRNA Refseq [NM\\_000416](#)

Protein Refseq [NP\\_000407](#)

MIM [107470](#)

UniProt ID [P15260](#)

SDS-PAGE



15% SDS-PAGE (3  $\mu$ g)

 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