

## Recombinant Human IFNGR1 Protein, His-tagged

Cat. No. IFNGR1-297H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human IFNGR1 protein with His tag was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	489
<b>Description</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.
<b>Form</b>	Lyophilized
<b>Molecular Mass</b>	26.6 kDa
<b>AA Sequence</b>	MALLFLLPLVMQGVSR AEMGTADLGPSSVPTPTNVTIESYNNMNPVYWEYQIMPQVP VFTVEVKNYGVKNSEWIDACINISHHYCNISDHVGDPSNSLWVRVKARVGQKESAY AKSEEFVAVCRDGKIGPPKLDIRKEEKQIMIDIFHPSVFNVDGDEQEVDPETTCYIRV YNVYVRMNGSEIQYKILTQKEDDCDEIQCQLAIPVSSLNSQYCVSAEGLVHVGVT EKSKEVCITIFNSSIKGSLWIPVVAALLFLVLSLVFICFYIKINPLKEKSILPKSLISVV RSATLETKPESKYVSLITSYQPFSLKEVCEEPLSPATVPGMHTEDNPGKVEHTEE

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LSSITEVVTTEENIPDVVPGSHLTPIERESSSPLSSNQSEPGSIALNSYHSRNCESD  
 HSRNGFDTDSSCLESHSSLSLSDSEFPPNKGKTEGQELITVIKAPTSFGYDKPHVLV  
 DLLVDDSGKESLIGYRPTEDSKEFS

**Purity** > 98%

**Applications** WB; ELISA; FACS; FC

**Stability** This bioreagent is stable at 4 centigrade (short-term) and -70 centigrade(long-term). After reconstitution, sample may be stored at 4 centigrade for 2-7 days and below -18 centigrade for future use.

**Storage** At -20 centigrade.

**Concentration** 1 mg/mL

**Storage Buffer** PBS (pH 7.4-7.5). Sterile-filtered colorless solution.

**Reconstitution** Reconstitute in sterile distilled H<sub>2</sub>O to no less than 100 µg/mL; dilute reconstituted stock further in other aqueous solutions if needed. Please review COA for lot-specific instructions. Final measurements should be determined by the end-user for optimal performance.

## GENE INFORMATION

**Gene Name** IFNGR1 interferon gamma receptor 1 [ Homo sapiens (human) ]

**Official Symbol** IFNGR1

**Synonyms** IFNGR1; interferon gamma receptor 1; IFNGR; CD119; CDw119; AVP, type 2; IFN-gamma-R1; CD119 antigen; IFN-gamma receptor 1; antiviral protein, type 2; immune

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interferon receptor 1; interferon-gamma receptor alpha chain; FLJ45734;


**Gene ID** 3459

**mRNA Refseq** NM\_000416

**Protein Refseq** NP\_000407

**MIM** 107470

**UniProt ID** P15260

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