

Recombinant Human IFNGR1 Protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant human IFNGR1 protein with His tag was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	489
Description	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.
Form	Lyophilized
Molecular Mass	26.6 kDa
AA Sequence	MALLFLLPLVMQGVSR AEMGTADLGPSSVPTPTNVTIESYNMNP IVYWEYQIMPQVP VFTVEVKNYGVK NSEWIDACINISHHYCNISDHVGDPSNSLWVRVKARVGQKESAY AKSEEF AVCRDGKIGPPKLDIRKEEKQIMIDIFHPSV FVNGDEQEVDYDPETTCYIRV YNVYVRMNGSEIQYKILTQKEDDCDEIQ CQLAIPVSSLNSQYCVSAEGVLHVWGVT TE EKSKEVCITIFNSSIKGSLWIPVVAALLLFLVLSLVFICFYIKKINPLKEKSIILPKSLISVV RSATLETKPESKYVSLITSYQPF SLEKEVVCCEPLSPATVPGMHTEDNPGKVEHTEE

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LSSITEVVTTEENIPDVVPGSHLTPIERESSPLSSNQSEPGSIALNSYHSRNCSESD
HSRNGFDTDSSCLESHSSLSDSEFPNNKGEIKTEGQELITVIKAPTSFGYDKPHVLV
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 H2O 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 Tel: 1-631-559-9269 1-516-512-3133 Email: info@creative-biomart.com  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA