

## Recombinant Human IFNG Protein

Cat. No. IFNG-497H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human IFNG protein
<b>Species</b>	Human
<b>ProteinLength</b>	166
<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>	Lyophilized
<b>AA Sequence</b>	MKYTSYILAFQLCIVLGLSLGCYCDPYVKEAENLKKYFNAGHSDVADNGTLFLGILKN WKEESDRKIMQSQIVSFYFKLFKNFKDDQSIQKSVETIKEDMNVKFFNSNKKKRDDF EKL TNYSVTDLNVQRKAIHELIVMAELSPA AKTGKRKRSQMLFRGRRASQ
<b>Purity</b>	> 98%
<b>Applications</b>	WB; ELISA; FACS; FC
<b>Stability</b>	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

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	centigrade for future use.
<b>Storage</b>	At -20 centigrade.
<b>Storage Buffer</b>	PBS (pH 7.4-7.5). Sterile-filtered colorless solution.
<b>Reconstitution</b>	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

<b>Gene Name</b>	IFNG interferon, gamma [ Homo sapiens (human) ]
<b>Official Symbol</b>	IFNG
<b>Synonyms</b>	IFNG; interferon, gamma; interferon gamma; IFN-gamma; immune interferon; IFG; IFI;
<b>Gene ID</b>	3458
<b>mRNA Refseq</b>	NM_000619
<b>Protein Refseq</b>	NP_000610
<b>MIM</b>	147570
<b>UniProt ID</b>	P01579

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