

Recombinant Chicken Interferon, Gamma

Cat. No. IFNG-63C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Chicken IFN- γ was expressed in Yeast. MW= 16.7 kDa (145 aa).
Species	Chicken
Source	Yeast
Description	Interferon-gamma (IFN- γ) is a dimerized soluble cytokine that is the only member of the type II class of interferons. This interferon was originally called macrophage-activating factor, a term now used to describe a larger family of proteins to which IFN- γ belongs. In humans, the IFN- γ protein is encoded by the IFNG gene.
Formulation/ Reconstitution	Lyophilized. Reconstitute with sterile phosphate-buffered saline containing at least 0.1% carrier protein.
Purification	Ion-exchange chromatography.
Purity	>95% as visualized by SDS-PAGE analysis.
Amino Acid Sequence	HTASSLNLVQ LQDDIDKLKA DFNSSHSDVA DGGPIIVEKL KNWTERNEKR IILSQIVSMY LEMLENTDKS KPHTKHISEE LYTLKNNLPD GVKKVKDIMD LAKLPMNDLR IQRKAANELF SILQKLVDPF SFKRKRSQSQ RRCNC.
Bioactivity	In testing.
Stability And Storage	Stable for up to twelve months from date of receipt at -20°C. Stable for at least 3

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months when stored in working aliquots with a carrier protein at -20°C. Avoid repeated freeze/thaw cycles.

GENE INFORMATION

Gene Name IFNG interferon, gamma [Gallus gallus]

Synonyms interferon, gamma; IFNG; IFN-gamma

Gene ID 396054

mRNA Refseq NM_205149.1

Protein Refseq NP_990480.1

UniProt ID P49708

**Chromosome
Location** 1

Pathway Cytokine-cytokine receptor interaction; Jak-STAT signaling pathway; Natural killer cell mediated cytotoxicity; Proteasome; Regulation of autophagy; TGF-beta signaling pathway

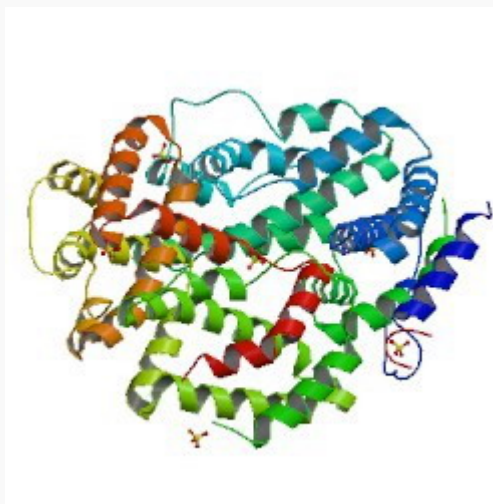
Function cytokine activity; interferon-gamma receptor binding

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Line representation
of the
crystallographic
structure of
interferon gamma.



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