

Recombinant Chicken Interferon Alpha

Cat. No. IFNA-117C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Chicken Interferon was expressed in Yeast. Reconstitute with sterile phosphate-buffered saline containing at least 0.1% carrier protein.
Species	Chicken
Source	Yeast
Description	Interferons are proteins made and released by host cells in response to the presence of pathogens such as bacteria, parasites or tumor cells. They allow for communication between cells to trigger the protective defenses of the immune system that eradicate pathogens or tumors.
Form	Lyophilized
Molecular Mass	19.0 kDa (calculated)
Purity	>95% as visualized by SDS-PAGE analysis
Purification	Ion-exchange chromatography
Bioactivity	In testing
Sequence	CNHLRPQDAT FSHDSLQLLR DMAPTLPQLC PQHNASC SFN DTILDTSNTR QADKTT HDIL QHLFKILSSP STPAHWNDSQ RQSL LNRIHR YTQHLEQCLD SSDTRSRTRW PRNLHLTIKK HFSC LHTFLQ DNDYSAC AWE HVRLQARAWF

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LHIHNLTGNT RT (162)

Storage

Stable for up to twelve months from date of receipt at -20°C. Stable for at least 3 months when stored in working aliquots with a carrier protein at -20°C. Avoid repeated freeze/thaw cycles

Warranty

Products are warranted to meet stated product specifications and to conform to label descriptions when used, handled and stored according to instructions. Unless otherwise stated, this warranty is limited to one year from date of sale or expiry date, whichever comes first. Products are supplied for research applications. They are not intended for medicinal, diagnostic or therapeutic use.

Pathways

Cytokine-cytokine receptor interaction; Cytosolic DNA-sensing pathway; Herpes simplex infection; Influenza A; Jak-STAT signaling pathway; Natural killer cell mediated cytotoxicity; RIG-I-like receptor signaling pathway; Regulation of autophagy; Toll-like receptor signaling pathway

GENE INFORMATION

Gene Name

IFNA3 interferon [*Gallus gallus*]

Official Symbol

IFNA3

Synonyms

IFNA3; IFNA; IFNA1; IFNA2; IFNA6; IFN-alpha; IFN-gamma; interferon type A1/A2; IFN alpha; interferon alpha; interferon-alpha; interferon type A3

Gene ID

396398

mRNA Refseq

NM_205427

Protein Refseq

NP_990758

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UniProt ID	P42165
Chromosome Location	chromosome: Z
Function	cytokine activity; cytokine receptor binding

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