

Recombinant Chicken Interferon

Cat. No. IFNA3-129C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Chicken IFNA3 is a 19 kDa protein and was expressed in E. coli.
Species	Chicken
Source	E.coli
Description	Chicken IFNA3 shares structural and biological properties with mammalian IFNA3. Recombinant chicken IFNA3 (rChIFNA) has been shown to act as a highly potent anti-viral agent in vitro, and also resulted in a noticeable delay in the progression of tumours in CC progressor chickens infected with Rous Sarcoma Virus, when administered intravenously.
Form	Purified recombinant protein expressed in E.coli - liquid.
Application	Functional Assays
Preparation	Recombinant protein prepared from E.coli.
Molecular Weight	19kD
Purity	> 85% by Ni chelate chromatography
Concentration	Total protein concentration 1.0mg/ml.
Storage	Store at -20°C only. Storage in frost-free freezers is not recommended. Avoid

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repeated freezing and thawing as this may denature the protein. This product should be stored undiluted. Should this product contain a precipitate we recommend microcentrifugation before use.

GENE INFORMATION

Gene Name	IFNA3interferon [Gallus gallus]
Official Symbol	IFNA3
Synonyms	IFNA3; interferon;IFNA; IFNA1; IFNA2; IFNA6; IFN-alpha; IFN-gamma; interferon type A1/A2; IFNalpha; interferon alpha; interferon-alpha; interferon type A3
Gene ID	396398
mRNA Refseq	NM_205427
Protein Refseq	NP_990758
Chromosome Location	Z
Pathway	Cytokine-cytokinereceptor interaction; Cytosolic DNA-sensing pathway; Herpes simplexinfection; Influenza A; Jak-STAT signaling pathway; Natural killer cellmediated cytotoxicity; RIG-I-like receptor signaling pathway; Regulation of autophagy; Toll-like receptor signaling pathway
Function	cytokineactivity; cytokine receptor binding

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