

## Recombinant Chicken Interferon

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Chicken IFNA3 is a 19 kDa protein and was expressed in E. coli.
<b>Species</b>	Chicken
<b>Source</b>	E.coli
<b>Description</b>	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.
<b>Form</b>	Purified recombinant protein expressed in E.coli - liquid.
<b>Application</b>	Functional Assays
<b>Preparation</b>	Recombinant protein prepared from E.coli.
<b>Molecular Weight</b>	19kD
<b>Purity</b>	> 85% by Ni chelate chromatography
<b>Concentration</b>	Total protein concentration 1.0mg/ml.
<b>Storage</b>	Store at -20oC 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 ofofautophagy; Toll-like receptor signaling pathway

**Function** cytokineactivity; cytokine receptor binding

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