

Active Recombinant Chicken IFNA

Cat. No. IFNA-1127C Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Chicken IFNA was expressed in E.coli .
Species	Chicken
Source	E.coli
Description	Chicken interferon alpha (IFN alpha) shares structural and biological properties with mammalian IFN1. Recombinant chicken IFN alpha (rChIFNa) has been shown to act as a highly potent anti-viral agent in vitro. rChIFNa also resulted in a noticeable delay in the progression of tumours in CC progressor chickens infected with Rous Sarcoma Virus, when administered intravenously. PAP004 is the immunogen used to produce the AbD Serotec chicken IFN alpha antibody.
Molecular Mass	19kD
Purity	>85% by Ni chelate chromatography
Activity	1x10 ⁷ units/mg
BufferSolution	0.05M Sodium Acetate; 1M Sodium Chloride; 2M Urea; 10mM Beta-Mercaptoethanol
Storage	Store at -20oC only. Storage in frost-free freezers is not recommended. Avoid 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.

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Shelf Life	3 months from date of despatch.
OfficialSymbol	IFNA3
GENE INFORMATION	
Gene Name	IFNA3 interferon [Gallus gallus]
Synonyms	IFNA; IFNA1; IFNA2; IFNA6; IFN-alpha; IFN-gamma; interferon type A1/A2; IFN alpha; interferon alpha; interferon type A3
Gene ID	396398
mRNA Refseq	NM_205427
Protein Refseq	NP_990758
UniProt ID	P42165
Chromosome Location	Z
Pathway	Cytokine-cytokine receptor interaction; Cytosolic DNA-sensing pathway; Herpes simplex infection
Function	cytokine activity; cytokine receptor binding

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