

IFN ALPHA Active Protein | IFNA3 active protein

RECOMBINANT CHICKEN INTERFERON ALPHA

CATALOG # AAA12301	APPLICATIONS Functional Assay
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PRODUCT SYNONYMS

IFN ALPHA; RECOMBINANT CHICKEN INTERFERON ALPHA; INTERFERON ALPHA; IFNA3 active protein

PRODUCT SPECIFICATIONS

Purity/Purification	>85% by Ni chelate chromatography
Form/Format	Purified recombinant protein expressed in E.coli - Liquid
Concentration	Total protein concentration 1.0mg/ml (varies by lot)
Sequence Length	193
Applicable Applications for IFNA3 active protein	FA (Functional Assay)
Product type	Recombinant protein
Target Species	Chicken
Preparation	Recombinant protein prepared from E.coli
Preservatives	None present
Buffer Solution	1) 0.05M Sodium Acetate 2) 1M Sodium Chloride 3) 2M Urea 4) 10mM Beta-Mercaptoethanol
Activity	1x10 ⁷ units/mg
Preparation and Storage	Store at -20°C 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. Shelf Life: 3 months from date of despatch. Shipping: Ships with Dry Ice

ADDITIONAL INFORMATION

Related Product Information for IFNA3 active protein	Recombinant 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 (Schultz, U. et al. 1995). rChIFNa also resulted in a noticeable delay in the progression of tumours in CC progressor chickens infected with Rous Sarcoma Virus, when administered intravenously (Plachy, J. et al. 1999). Recombinant chicken interferon alpha is the immunogen used to produce the polyclonal Rabbit anti Chicken interferon alpha antibody.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	45382199
NCBI GeneID	396398
NCBI Accession #	NP_990758.1
NCBI GenBank Nucleotide #	NM_205427.1
UniProt Accession #	P42165; Q90872
Molecular Weight	19kD
NCBI Official Full Name	interferon type A1/A2
NCBI Official Synonym Full Names	interferon
NCBI Official Symbol	IFNA3
NCBI Official Synonym Symbols	IFNA; IFNA1; IFNA2; IFNA6; IFN-alpha; IFN-gamma
NCBI Protein Information	interferon type A1/A2; IFN alpha; interferon alpha; interferon type A3; interferon-alpha
UniProt Protein Name	Interferon type A1/A2
UniProt Gene Name	IFNA1
UniProt Entry Name	IFNA1_CHICK

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/active-protein/ifn-alpha/12301>