

Interferon Alpha (IFNa) Active Protein | IFNa active protein

Active Interferon Alpha (IFNa)

CATALOG # AAA152952	HOST E coli	APPLICATIONS Activity Assay, Cell Culture
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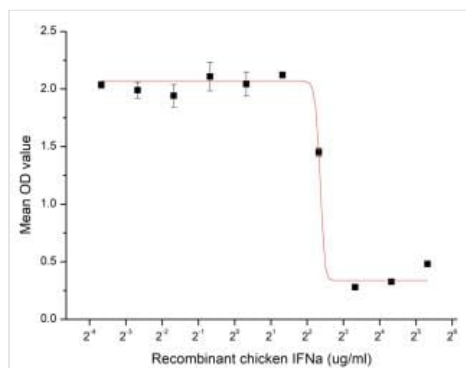
PRODUCT SYNONYMS

Interferon Alpha (IFNa); Active Interferon Alpha (IFNa); Interferon Alpha; IFNa active protein (prokaryotic); Chicken; IFNA1; IFL; LeIF D; IFN; IFN-Alpha; IFNA13; IFN-A; IFNAP22; IFN-Alpha 1b; Interferon Alpha 1b; Interferon; Leukocytic; Leukocyte; Interferon alpha-D; IFNa active protein

PRODUCT SPECIFICATIONS

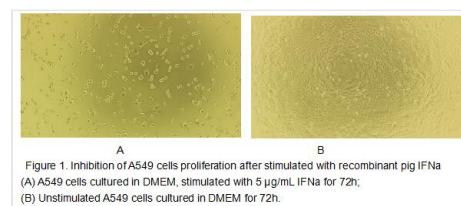
Host	E coli
Purity/Purification	Greater than 95% by SDS-PAGE
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose. Freeze-dried powder
Sequence Positions	Leu47~Thr191
Applicable Applications for IFNa active protein	Activity Assay, Cell Culture
Expression System	Prokaryotic expression
Species	Chicken
Tag	N-terminal His and GST
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	6.8
Research Area	Cytokine
Preparation and Storage	Store at 2-8 degree C for one month, -80 degree C for 12 months Stable for 12 months if correctly stored.

IMAGES



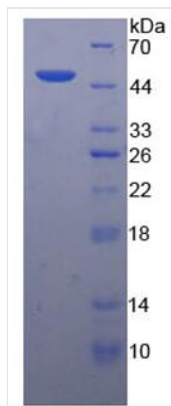
Bioactivity

Figure 2. Inhibition of A549 cells proliferation after stimulated with recombinant chicken IFN-alpha.



Bioactivity

Interferon-alpha (IFNa), also known as leukocyte interferon, represents a group of related but distinct proteins that share over 95% amino acid sequence homology. They are members of the type I interferon family which share a common cell surface receptor



SDS-PAGE
Figure. SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for IFNa active protein	Active proteins
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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	22,116 Da
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://www.aaabiotech.com/e-coli-active-protein/interferon-alpha-ifna/152952>