

Interferon Alpha (IFNa) Active Protein | IFNa active protein

Active Interferon Alpha (IFNa)

CATALOG # AAA152953	HOST E coli	APPLICATIONS Activity Assay, Cell Culture
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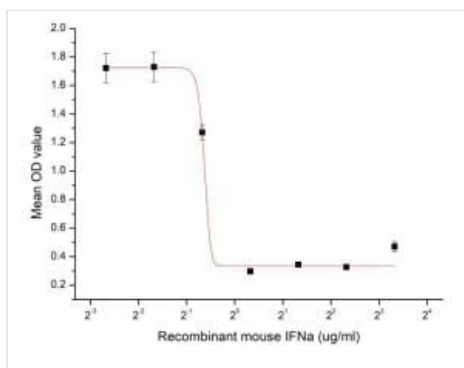
PRODUCT SYNONYMS

Interferon Alpha (IFNa); Active Interferon Alpha (IFNa); Interferon Alpha; IFNa active protein (prokaryotic); Mouse; 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

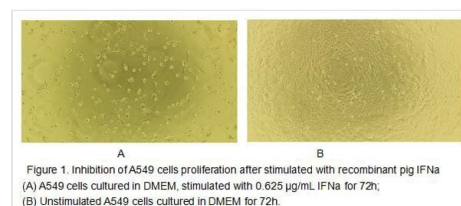
Host	E coli
Purity/Purification	Greater than 95% by SDS-PAGE
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose. Freeze-dried powder
Sequence Positions	Cys24~Lys189
Applicable Applications for IFNa active protein	Activity Assay, Cell Culture
Expression System	Prokaryotic expression
Species	Mouse
Tag	N-terminal His and GST
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	9.1
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



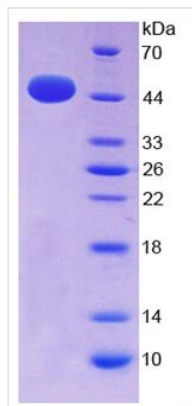
Bioactivity

Figure 2. Inhibition of A549 cells proliferation after stimulated with recombinant mouse 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 #	117168293
NCBI GeneID	15962
NCBI Accession #	NP_034632.2
NCBI GenBank Nucleotide #	NM_010502.2
UniProt Accession #	P01572; Q7M0A3; Q810G7
Molecular Weight	21,646 Da
NCBI Official Full Name	interferon alpha-1
NCBI Official Synonym Full Names	interferon alpha 1
NCBI Official Symbol	Ifna1
NCBI Official Synonym Symbols	Ifa1
NCBI Protein Information	interferon alpha-1; IFN-alpha-1; interferon alpha family gene 1
UniProt Protein Name	Interferon alpha-1
UniProt Gene Name	Ifna1
UniProt Synonym Gene Names	IFN-alpha-1
UniProt Entry Name	IFNA1_MOUSE

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.