Interferon Alpha (IFNa) Recombinant Protein | IFNa recombinant protein

Recombinant Interferon Alpha (IFNa)

CATALOG #	HOST	APPLICATIONS
AAA147142	**E Coli**	**Western Blot, SDS-Page**

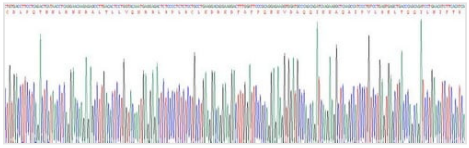
PRODUCT SYNONYMS

Interferon Alpha (IFNa); Recombinant Interferon Alpha (IFNa); IFNA1; IFL; LeIF D; IFN; IFN-Alpha; IFNA13; IFN-A; IFNAP22; IFN-Alpha 1b; Interferon Alpha 1b; Interferon; Leukocytic; Leukocyte; Interferon alpha-D; IFNa recombinant protein

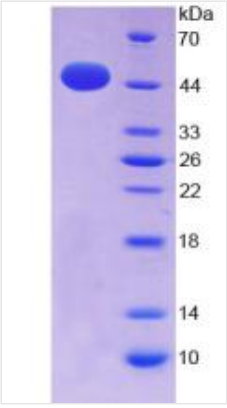
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	>= 95%
Form/Format	Freeze-dried powder
Sequence Length	189
Applicable Applications for IFNa recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Fragment	Cys24~Lys189
Tag	Two N-terminal Tags, His-tag and GST-tag
Buffer Formulation	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Source Note	Prokaryotic expression
Organism Species	Mouse
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	9.1
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



Application Data



SDS-PAGE

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SCLKDRKDFG FPQEKVDAQQ IKKAQAIPVL SELTQQILNI FTSKDSSAAW
NTTLLDSFCN DLHQQLNDLQ GCLMQQVGVQ EFPLTQEDAL LAVRKYFHRI
TVYLREKKHS PCAWEVVRAE VWRALSSSAN VLGRLREEK
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Sequence

ADDITIONAL INFORMATION

Product Categories/Family for IFNa recombinant protein	Recombinant Protein

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	47.8kDa
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
UniProt Protein Name	Interferon alpha-1
UniProt Gene Name	**Ifna1**
UniProt Synonym Gene Names	IFN-alpha-1

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/ifna1-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/147142