

Interferon Alpha (IFNa) Recombinant Protein | IFNa recombinant protein

Recombinant Interferon Alpha (IFNa)

CATALOG # AAA134665	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
-------------------------------	-----------------------	---

PRODUCT SYNONYMS

Interferon Alpha (IFNa); Recombinant Interferon Alpha (IFNa); IFNa recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in PBS,pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Sequence	Thetargetp roteinisfu sedwithtwo N-terminal Tags,His-t agandGST-t ag,itssequ enceislist edbelow. MSPILGYW KIKGLVQPTR LLEYLEEKY EEHLYERDEG DKWRNKKFEL GLEFPNLPYY IDGDVKLTQS MAIIRYIADK HNMLGGCPKE RAEISMLEGA VLDIRYGVSR IAYSKDFETL KVDFLSKLPE MLKMFEDRLC HKTYLNGDHV THPDFMLYDA LDVVLMDPM CLDAFPKLVC FKKRIEAIQ IDKYLKSSKY IAWPLQGWQA TFGGDHPPK SDGSTSGSGH HHHHSAGLV PRGSTAIGMK ETAAAKFERQ HMDSPDLGTL EVLFQGPLGS EF-CDLPQTH SLAHTRALRL LAQMRRISPF SCLDHRDFFG SPHEAFGGNQ VQKAQAMALV HEMLQQTFL FSTEGSAAAW NESLLHQFYT GLDQQLRDLE ACVMQEAGLE GTPLEEDSI RAVRKYFHRL TLYLQEKSYS PCAWEIVRAE VM
Sequence Length	189
Applicable Applications for IFNa recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Sus scrofa; Porcine (Pig)
Expression System	Prokaryotic expression
Residues	Cys24~Met172 (Accession # P49879) with two N-terminal Tags, His-tag and GST-tag
Subcellular Location	Secreted
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Predicted Isoelectric Point	6.1
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
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. Stability Test: The thermal stability is described by the loss rate of the targetprotein. 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 andprecipitation were observed. (Referring from China Biological Products Standard,which was calculated by the Arrhenius equation.) The loss of this protein is lessthan 5% within the expiration date under appropriate storage condition.

IMAGES



SDS-PAGE



Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	1708489
NCBI GeneID	397686
UniProt Accession #	P49879
Molecular Weight	49.0kDa
NCBI Official Full Name	Interferon alpha-1
NCBI Official Symbol	IFNA1
NCBI Official Synonym Symbols	IFN1@; IFN-ALPHA-1
NCBI Protein Information	interferon alpha-1; IFN-alpha-6; interferon alpha 1; interferon-alpha-6
UniProt Protein Name	Interferon alpha-1
UniProt Gene Name	IFN-alpha-1
UniProt Synonym Gene Names	IFN-alpha-1
UniProt Entry Name	IFNA1_PIG

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/ifn-alpha-1-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/134665>