

Interferon Beta (IFN β) Recombinant Protein | IFN β recombinant protein

Recombinant Interferon Beta (IFN β)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA134648	E.coli	Canis familiaris; Canine (Dog)	Western Blot, SDS-Page

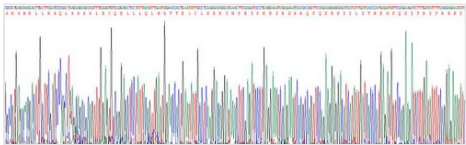
PRODUCT SYNONYMS

Interferon Beta (IFN β); Recombinant Interferon Beta (IFN β); IFN β recombinant protein

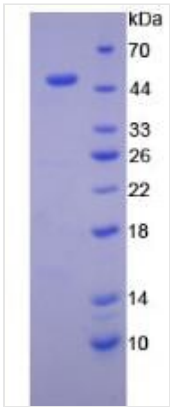
PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Canis familiaris; Canine (Dog)
Purity/Purification	> 97%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 150ug/mL (varies by lot)
Sequence	AMSNDLLRSQ LSSSSLECQE LLLQLNGTTE YCLKDRINFE IPEEIEKSRQ FQKEDIILIT HEMFQKIFDI FRRNISRTGW NETTVENLLV KLHWQKEHLE ILEDVKEKE NFTWDNRTLL HLKYYLRIV QYLKAKEYSI CAWTIVQAEI CRNFFFLNIL TDYLNQ
Applicable Applications for IFN β recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Ala21~Asn186
Tags	N-terminal His and GST Tag
Subcellular Location	Secreted
Traits	Freeze-dried powder
Predicted isoelectric point	6.2
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	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8°C. Aliquot and store at -80°C. Stability Test: 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°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



Gene Sequence
Gene Sequencing (extract)



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	209417932
NCBI GeneID	481558
NCBI Accession #	NP_001129259.1
NCBI GenBank Nucleotide #	NM_001135787.1
UniProt Accession #	B6E116
Molecular Weight	Predicted Molecular Mass: 50.1kDa Accurate Molecular Mass: 47kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	interferon beta
NCBI Official Symbol	IFNB1
NCBI Protein Information	interferon beta
UniProt Protein Name	Interferon-beta
UniProt Gene Name	IFN-beta
UniProt Entry Name	B6E116_CANFA

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/ifn-beta-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/134648>