Interferon Beta (IFNb) Recombinant Protein | IFNb recombinant protein

Recombinant Interferon Beta (IFNb)

CATALOG #	HOST	APPLICATIONS
AAA147145	**E Coli**	**Western Blot, SDS-Page**

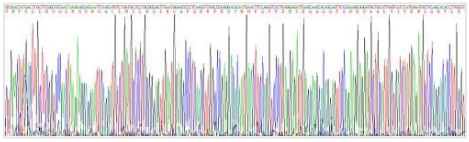
PRODUCT SYNONYMS

Interferon Beta (IFNb); Recombinant Interferon Beta (IFNb); IFNB1; IFN-B; IFB; IFF; IFNB; Interferon Beta 1 Fibroblast; IFNb recombinant protein

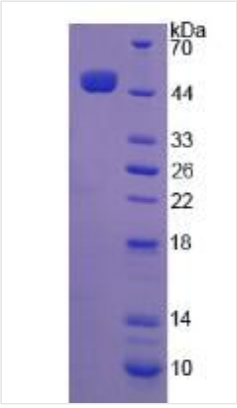
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Freeze-dried powder
Sequence Length	187
Applicable Applications for IFNb recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Fragment	Val22~Gln185 linked by TDSSTTTTTTTTN
Tag	N-terminal His 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	Equine
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	5.7
Subcellular Location	Secreted
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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                    VNYDLLRSQ LRSSNSACLM LLRQLNGAPQ
RCPEDTMNFQ VPEEIEQAQQ FQKEDAALVI YEMLQHTWRI FRRNFASTGW
NETIVKNLLV EVHLQMDRLE TNLEEIMEEE SSTWGNTTIL RLKKYYGRIS
QYLKAKKYSH CAWTVVQAEM LRNLAFLNGL TDYLQTDSS TTTTTTTTN
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Sequence

ADDITIONAL INFORMATION

Product Categories/Family for IFNb recombinant protein	Recombinant Protein

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504603
NCBI GeneID	3456
NCBI Accession #	NP_002167.1
NCBI GenBank Nucleotide #	NM_002176.3
UniProt Accession #	P01574; Q5VWC9
Molecular Weight	51.9kDa
NCBI Official Full Name	interferon beta
NCBI Official Synonym Full Names	interferon beta 1
NCBI Official Symbol	IFNB1
NCBI Official Synonym Symbols	IFB; IFF; IFNB; IFN-beta
NCBI Protein Information	interferon beta
UniProt Protein Name	Interferon beta
UniProt Gene Name	**IFNB1**
UniProt Synonym Gene Names	IFB; IFNB; IFN-beta

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/ifnb1-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/147145