

Interferon-beta Recombinant Protein | mIFNB recombinant protein

Recombinant Mouse Interferon-beta

CATALOG #
AAA38744HOST
E Coli

PRODUCT SYNONYMS

Interferon-beta; Recombinant Mouse Interferon-beta; IFN b Mouse; His; Interferon Beta Mouse Recombinant; His Tag; Leukocyte interferon; B cell interferon; Type I interferon; IFNB1; IFB; IFF; IFNB; IFN-b 1b; MGC96956; mIFNB recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 95% as determined by Analysis by SDS-PAGE.
Form/Format	The IFN-Beta (0.25mg/ml) contains 20mM HEPES (pH6.0), 0.5M NaCl & 10% glycerol. Sterile filtered colorless solution.
Sequence	MGSSHHHHHH SSGLVPRGSH MINYKQLQLQ ERTNIRKCQE LLEQLNGKIN LTYRADFKIP MEMTEKMQKS YTAFAIQEML QNVFLVFRNN FSSTGWNETH VVRLDELHQ QTVFLKTVLE EKQEERLTWE MSSTALHLKS YYWRVQRYLK LMKYNSYAWM VVRAEIFRNF LIIRRLTRNF QN
Sequence Length	182
Preparation and Storage	Store at 4 degree C if entire vial will be used within 2-4 weeks. Store, frozen at -20 degree C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for mIFNB recombinant protein	Description: Interferon beta Mouse Recombinant produced in E Coli is a single, non-glycosylated polypeptide chain containing 182 amino acids (22-182 a.a.) and having a molecular mass of 22 kDa. Mouse IFN beta is fused to 20 amino acid at N-terminus and purified by proprietary chromatographic techniques. Introduction: Interferon-beta 1b has antiviral, antibacterial and anticancer activities. Influenza A viruses not only inhibit IFN-beta gene induction but also suppress Type-I IFN signaling via mechanism involving induction of the SOCS-3 protein. Intracellular bacteria and cytosolic poly (dA-dT) trigger IFN-beta responses in different human cells without requiring human ZBP1.
Product Categories/Family for mIFNB recombinant protein	Cytokines and Growth Factors; Cytokines; Interferon

NCBI AND UNIPROT INFORMATION

NCBI GI #	6754304
NCBI GeneID	15977
NCBI Accession #	NP_034640.1
NCBI GenBank Nucleotide #	NM_010510.1
UniProt Accession #	P01575
Molecular Weight	22,127 Da
NCBI Official Full Name	interferon beta

NCBI Official Synonym Full Names	interferon beta 1, fibroblast
NCBI Official Symbol	ifnb1
NCBI Official Synonym Symbols	lfb; IFNB; IFN-beta
NCBI Protein Information	interferon beta
UniProt Protein Name	Interferon beta
UniProt Gene Name	Ifnb1
UniProt Synonym Gene Names	lfb; Ifnb; IFN-beta
UniProt Entry Name	IFNB_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.

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Online datasheet: <https://stage.aaabiotech.com/ifnb1-recombinant-protein-e-coli/38744>