

Ifnb1

Recombinant Mouse IFN-beta, His-tag

Catalog No.	CRM018A	Quantity:	5 µg
	CRM018B		25 µg
	CRM018C		1 mg

Alternate Names: Interferon beta, Leukocyte IFN, B cell IFN, Type I IFN

Description: Interferon-beta has antiviral, antibacterial and anticancer activities. Influenza A viruses not only inhibit IFN-beta gene induction but also suppress Type-I IFN signaling via a 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.

Recombinant Mouse Interferon beta is a single, non-glycosylated polypeptide chain containing 182 amino acids (22-182 a.a.) that is fused to a 21 amino acid His tag at the N-terminus.

UniProt ID: P01575

Gene ID: 15977

Source: *E. coli*

Molecular Weight: 22 kDa (182 aa)

Formulation: Sterile-filtered 20 mM HEPES, 0.5M NaCl, pH 6.0 with 10% glycerol.

Purity: >95% by SDS-PAGE analysis

Concentration: 0.25 mg/ml

Amino Acid Sequence: **MGSSHHHHH SSGLVPRGSH** MINYKQLQLQ ERTNIRKCQE LLEQLNGKIN
LTYRADFKIP MEMTEKMQKS YTAFAIQEML QNVFLVFRNN FSSTGWNETH
VVRLLDELHQ QTVFLKTVLE EKQEERLTWE MSSTALHLKS YYWRVQRYLK
LMKYNSYAWM VVRAEIFRNF LIIRRLTRNF QN.

Storage & Stability: Upon receipt, store for up to 1 week at 2-8°C. For long term storage, aliquot and store at -20°C to -80°C with a carrier protein such as 0.1% HSA or BSA as a stabilizer. This depends upon the particular application employed.

Avoid repeated freeze-thaw cycles.

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



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