

Recombinant Human IFNB1 protein, His-Avi-tagged

Cat. No. IFNB1-574H Lot. No. (See product label)

SPECIFICATION

Product Overview	Human IFN beta Protein is expressed from mammalian with a His Tag and Avi Tag at the C-terminal. It contains Met 22-Asn187.
Species	Human
Source	HEK293
Protein Length	Met 22-Asn187
Description	Interferon beta (IFN-beta), also known as fibroblast IFN, is a secreted, approximately 22 kDa member of the type I interferon family of molecules. Interferon beta has antiviral, antibacterial and anticancer activities. Signals mostly via binding to a IFNAR1-IFNAR2 heterodimeric receptor, but can also function with IFNAR1 alone and independently of Jak-STAT pathways.
Form	Supplied as 0.22um filtered solution in PBS (pH 7.4).
Molecular Mass	The protein has a predicted Mw of 22.9 kDa.
Endotoxin	Less than 1EU per ug by the LAL method.
Storage	The product should be stored at -70°C. Please do not repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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GENE INFORMATION

Gene Name	IFNB1 interferon, beta 1, fibroblast [Homo sapiens]
Official Symbol	IFNB1
Synonyms	Fibroblast interferon; IFB; IFBIFNB; IFF; IFNB; IFNB1; IFNbeta; IFN-beta; interferon beta; interferon, beta 1, fibroblast; MGC96956;IFN beta
Gene ID	3456
mRNA Refseq	NM_002176. 4
Protein Refseq	NP_002167. 1
MIM	147640
UniProt ID	P01574

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