

## Human Interferon Beta 1b (IFNB 1b) Protein

Catalogue No.:abx260713

Human Interferon Beta 1b (IFNB 1b) Protein is a recombinant cytokine produced in E coli. It consists of a single, nonglycosylated mutein form of Human Interferon-beta 1b polypeptide chain containing 165 AA. This product is provided as a white powder.

The Interferon-beta 1b gene was cloned from Human fibroblasts, and altered to substitute Serine for the Cysteine residue found at position 17.

Target:	Interferon Beta 1b (IFNB 1b)
Modification:	Cys17-Ser
Origin:	Human
Expression:	Recombinant
Tested Applications:	SDS-PAGE
Host:	E. coli
Conjugation:	Unconjugated
Form:	Lyophilized
Purity:	> 98% (SDS-PAGE and RP-HPLC)
Purification:	Purified by proprietary chromatography techniques. Sterile filtered.
Reconstitution:	Reconstitute in sterile 18 M $\Omega$ · cm water to a concentration of at least 0.25 µg/ml. This stock solution can be further diluted if required.
Storage:	Store dessicated below -18 °C. After reconstituting store at 4 °C for up to a week. Avoid repeated freeze/thaw cycles.
Stability:	Stable at room temperature for 3 weeks.
UniProt Primary AC:	P01574 ( <u>UniProt</u> , <u>ExPASy</u> )
KEGG:	hsa:3456
String:	<u>9606.ENSP00000369581</u>
Molecular Weight:	18.51 kDa



## Sequence Fragment: 165 AA.

Sequence:	The sequence of the first five N-terminal amino acids was determined and was found to be Ser-Tyr-Asn-Leu-Leu.
Buffer:	Prior to lyophilization: 50 mg Human Albumin and 50 mg Mannitol.
Biological Activity:	Specific Activity: 32 × 10 <sup>6</sup> IU/mg. Determined by a viral resistance assay using WISH cells with VSV virus or VERO cells with EMCV virus.
Concentration:	Prior to lyophilization: 1 mg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

v1.0.0