

**IFN-beta 1b, human recombinant protein**

Leukocyte interferon, B cell interferon, Type I interferon, IFNB1, IFB, IFF, IFNB, IFN-b 1b, MGC9695

Catalog # PBV10449r

**Specification**

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**IFN-beta 1b, human recombinant protein - Product info**

Calculated MW **18.5 kDa KDa**

**IFN-beta 1b, human recombinant protein - Additional Info****Other Names**

Leukocyte interferon, B cell interferon, Type I interferon, IFNB1, IFB, IFF, IFNB, IFN-b 1b, MGC96956

|                |                       |
|----------------|-----------------------|
| Gene Source    | <b>Human</b>          |
| Source         | <b>E. coli</b>        |
| Assay&Purity   | <b>SDS-PAGE; ≥98%</b> |
| Assay2&Purity2 | <b>HPLC; ≥98%</b>     |
| Recombinant    | <b>Yes</b>            |

**Application Notes**

Reconstitute in H<sub>2</sub>O to a concentration of 0.1-1.0 mg/ml. This solution can then be diluted into other aqueous buffers and stored at 4°C for 1 week or -20°C for future use.

**Format**

Lyophilized protein

**Storage**

-20°C; Lyophilized from 1 mg/ml solution containing 50 mg human albumin and 50 mg dextrose.

**IFN-beta 1b, human recombinant protein - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**IFN-beta 1b, human recombinant protein - Images****IFN-beta 1b, human recombinant protein - Background**

Recombinant Human IFN-β 1b produced from E.Coli is a single, non-glycosylated human Interferon-β 1b polypeptide chain containing 165 amino acids and having a molecular mass of 18.51 kDa. The Interferon-β 1b gene was cloned from human fibroblasts. IFN-β 1b is purified by

proprietary chromatographic techniques.