

## 32-1316: IFN a 2b 20kd-PEG Recombinant Protein

**Alternative Name :** Interferon alpha 2b,IFNA,INFA2,MGC125764,MGC125765.

### Description

Source : Escherichia Coli. Interferon-a 2b Human Recombinant produced in E.coli is a single, non-glycosylated, polypeptide chain containing 165 amino acids and having a molecular mass of 19269 Dalton. The Pegylated IFN-a 2b is produced by attaching a 20kDa mPEG-aldehyde to the N-terminal IFN alpha-2b. Interferon-a 2b is purified by proprietary chromatographic techniques. IFN-alpha is produced by macrophages and has antiviral activities. Interferon stimulates the production of two enzymes: protein kinase and an oligoadenylate synthetase.

### Product Info

<b>Amount :</b>	10 µg
<b>Purification :</b>	Greater than 97.0% as determined by SEC-HPLC.
<b>Content :</b>	IFN-a 2b is supplied in solution (1.48mg/ml) containing 20mM Acetate Buffer (pH 6.0), 0.8%NaCl and 0.005% Polysorbate 80.
<b>Storage condition :</b>	IFN alpha-2b PEG should be stored refrigerated at 2° to 8°C. Vials should be kept in their packaging to protect from light until the time of use. Shaking and freezing should be avoided.

### Application Note

The specific activity as determined in a viral resistance assay using VSV-WISH cells was found to be 3,000,000 IU/mg.

