

## Interferon-alpha 2b 20kd-Pegylated Human Recombinant

**Item Number** rAP-0443

**Synonyms** Interferon alpha 2b, IFNA, INFA2, MGC125764, MGC125765.

**Description** 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 puri-

**Uniprot Accesion Number** Q86UP4

### Amino Acid Sequence

**Source** Escherichia Coli.

**Physical Appearance and Stability** Colorless, clear and transparent solution. 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.

**Formulation and Purity** 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. Greater than 97.0% as determined by SEC-HPLC.

### Application

### Solubility

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

**Shipping Format and Condition** Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**