

## Interferon-beta 1a Human Recombinant, HEK

<b>Item Number</b>	rAP-0448
<b>Synonyms</b>	Leukocyte interferon, B cell interferon, Type I interferon, IFNB1, IFB, IFF, IFNB, IFN-b 1a, MGC96956.&nbsp;
<b>Description</b>	IFNB1A Human Recombinant produced in HEK cells is a glycosylated protein having a molecular weight range of 18-22kDa due to glycosylation. The IFNB1A is purified by proprietary chromatographic techniques.&nbsp;
<b>Uniprot Accession Number</b>	P01574
<b>Amino Acid Sequence</b>	
<b>Source</b>	HEK.
<b>Physical Appearance and Stability</b>	Sterile Filtered White lyophilized (freeze-dried) powder. Lyophilized IFNB1A although stable at room temperature for 3 weeks, should be stored desiccated below -18&deg;C. Upon reconstitution IFNB1A should be stored at 4&deg;C between 2-7 days and for future use below -18&deg;C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.&nbsp;
<b>Formulation and Purity</b>	The IFNB1A was lyophilized in Sodium Acetate pH 4.8, 150mM NaCl and CHAPS. Greater than 95% as observed by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	It is recommended to reconstitute the lyophilized IFNB1A in sterile H2O.
<b>Biological Activity</b>	The activity as determined by dose dependent inhibition of proliferation of TF-1 cells <sup>1</sup> was found to be &le; 0.1 ng/ml.
<b>Shipping Format and Condition</b>	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**