

### 32-1318: IFN $\alpha$ 2a HEK Recombinant Protein(Discontinued)

**Alternative Name :** Leukocyte interferon,B cell interferon,Type I interferon,IFNA2,IFN- $\alpha$  2a.

#### Description

Source : HEK. IFN- $\alpha$  2a Human Recombinant produced in HEK cells is a glycosylated monomer, having a total molecular weight of 16kDa.The IFN- $\alpha$  2a 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 $\mu$ g
<b>Purification :</b>	Greater than 95% as observed by SDS-PAGE.
<b>Content :</b>	The IFN- $\alpha$ 2a was lyophilized from 1mg/ml in 1xPBS.
<b>Storage condition :</b>	Lyophilized IFN- $\alpha$ 2a although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution IFN- $\alpha$ 2a should be stored at 4°C between 2-7 days and for future use below -18°C.For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Please prevent freeze-thaw cycles.

#### Application Note

It is recommended to reconstitute the lyophilized IFN- $\alpha$  2a in sterile water not less than 100 $\mu$ g/ml, which can then be further diluted to other aqueous solutions. The specific activity was determined by the dose-dependent cytotoxicity of the human TF-1 cell line (human erythroleukemic indicator cell line) and is typically 0.1-0.4ng/ml.

