

32-1318: IFN a 2a HEK Recombinant Protein(Discontinued)

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

Description

Source : HEK. IFN-a 2a Human Recombinant produced in HEK cells is a glycosylated monomer, having a total molecular weight of 16kDa.The IFN-a 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

Amount : 10 µg

Purification : Greater than 95% as observed by SDS-PAGE.

Content : The IFN-a 2a was lyophilized from 1mg/ml in 1xPBS.

Storage condition : Lyophilized IFN-a 2a although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution IFN-a 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-a 2a in sterile water not less than 100µg/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.

