Active GMP Recombinant Human IFN-α2b Protein

Cat. No. IFN-α2b-01HG **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human IFN-α2b protein, was expressed in CHO-K1 cell-derived in an animal component free process under cGMP guidelines.
Species	Human
Source	CHO
Description	Interferons (IFNs) are known for their key role in host defense mechanisms. Type I interferons include the IFN-alpha family, IFN-beta, -omega, -kappa and Limitin/IFN-zeta, and are important in the regulation of the immune response to viral infections. The type II interferon group includes only interferon gamma. IFN-γ is a multifunctional cytokine with antiproliferative, immunomodulatory and proinflammatory effects that are important for many aspects of the immune response. The type III interferon family includes IL-29/IFN-lambda 1, IL-28A/IFN-lambda 2, IL-28B/IFN-lambda 3, and IFN-lambda 4. Similar to type I interferons, type III interferons have antiviral, antiproliferative, and immunomodulatory effects.
Form	Lyophilized powder
Endotoxin	<20 EU/mg
Bio-activity	>1.0 x 10^8 IU/mg
Purity	>95.0% by high performance liquid chromatography (SEC-HPLC) and SDS-PAGE.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Storage Buffer	10mM Phosphate-Buffered Saline (pH 7.2)
Storage	It is recommended that rhIFN-α2b be stored at -20°C/-80°C after dispensing pending further dilution to working concentration. Avoid repeated freeze-thawing if possible
Concentration	1.5mg/ml
Sterility	Sterility

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA