

IFN-beta 1a, Human Recombinant

Catalog No.	CRI226	Quantity: ≥1x 10E5 units
Alternate Names:	Fibroblast Interferon	
Volume:	0.1 ml	
Description:	Recombinant Human Interferon Beta 1a	
Source:	CHO cells	
Molecular Weight:	~ 23 kDa	
Formulation:	Sterile filtered liquid in a buffer of 50 mM NaOAc, pH 5.5 + 0.1% BSA.	
Purity:	≥95%, one N-linked glycosylation site	
Endotoxin Level:	<0.1 ng/μg	
Biological Activity:	Interferon was titrated with the use of a cytopathic effect inhibition assay. Encephalomyocarditis virus (EMCV) was used to challenge A549 cells. The activity was determined relative to a lab standard of Hu IFN-β which was calibrated to the NIH Hu IFN-β standard (Gb23-902-531). The EC ₅₀ for IFN is ~ 1 U/ml. Lot Activity was derived from multiple determinations in the above assay. Please note that IFN assays vary between labs and assay systems	
Storage & Stability:	Centrifuge vial prior to opening. After receipt, this product should be kept at -80 °C or below for retention of full activity. Thawed product vial by incubation in cold tap water until just thawed-the contents of the tube should be apportioned in separate tubes so that freezing and thawing is kept to minimum. Refreezing should be done on dry ice or in a dry ice/alcohol bath. Further dilution of the product should be in buffers containing protein such as 0.1% bovine serum albumin (BSA). Please note that the addition of any carrier protein into this product may produce unwanted endotoxin. This depends upon the particular application employed.	

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



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