

IFNB1

Recombinant Human Interferon beta 1a

Catalog No.	CRI007A CRI007B CRI007C	Quantity:	5 µg 20 µg 1.0 mg
Alternate Names:	Leukocyte interferon, B-cell interferon, Type I interferon, IFNB1, IFB, IFF, IFNB, IFN-b 1a		
Description:	Recombinant Human IFN-Beta 1a is a single, glycosylated polypeptide chain containing 166 amino acids.		
GeneID:	3456		
Protein Accession No:	NP_002167		
Source:	CHO cells		
Molecular Weight:	22.5 kDa		
Formulation:	Lyophilized from a sterile filtered solution containing 91 mg Human Albumin + 620 mg mannitol, + 9 mg Sodium Acetate.		
Purity:	>98.0% as determined by RP-HPLC and SDS-PAGE analyses		
Endotoxin Level:	< 0.1 ng/µg of IFNB1		
Specific Activity:	The specific activity as determined in a viral resistance assay (human "Wish" cell line and VSV virus or the monkey VERO cell line with EMCV virus) was found to be 2.70×10^8 units/mg.		
Amino Acid Sequence:	The sequence of the first five N-terminal amino acids is Ser-Tyr-Asn-Leu-Leu.		
Reconstitution:	Centrifuge vial prior to opening. Add sterile distilled water to the vial to a concentration not less than 100 µg/mL. After complete solubilization of the protein, it can be further diluted to other aqueous solutions.		
Storage & Stability:	Lyophilized Interferon-beta 1b although stable at room temperature for 3 weeks, should be stored desiccated below -20°C. Upon reconstitution it should be stored at 2-4°C between 2-7 days and for future use below -20°C. Avoid repeated freeze/thaw cycles.		

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