

IFNB1

Recombinant Human Interferon Beta 1a

Catalog No.	CR2062	Quantity:	$\geq 1 \times 10^6$ U
Alternate Names:	Interferon beta 1a, Fibroblast interferon, IFNB, IFB, IFF		
Description:	Recombinant human Interferon Beta 1a, mammalian (Hu IFN- β 1a)		
Volume:	0.10 ml		
Gene ID:	3456		
UniProt ID:	P01574		
Source:	CHO cells		
Molecular Weight:	~23 kDa		
Formulation:	10 mM acetic acid		
Purity:	> 95%, one N-linked glycosylation site		
Endotoxin Level:	< 1 EU/ μ g		
Purification Method:	Proprietary chromatography methods		
Biological Activity:	$\sim 3.0 \times 10^7$ units/mL, lot specific		
Specific Activity:	$\sim 3.0 \times 10^8$ units/mg, lot specific		
Bioassay:	<p>Cytopathic inhibition assay on human lung carcinoma cell line A549 with encephalomyocarditis virus (EMCV). $EC_{50} = 1$ U/mL.</p> <p>Lot activity is derived from multiple determinations in the bioassay relative to an in-house standard of Hu-IFN-beta which was calibrated to the NIH Hu-IFN-beta standard (Gb23-902-531)</p>		
Storage & Stability:	<p>Centrifuge vial prior to opening. Upon receipt, store at 2-8 °C for retention of full activity. Further dilution of this product is not recommended for long term storage.</p>		

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