

IFNA2

Recombinant Mouse IFN-alpha A

Catalog No.	CR2038	Quantity:	1 X 10E5 U
Alternate Names:	IFN-alpha, Interferon-alpha-1, IFN-alpha-1, alpha-Interferon, IFA1, IFNA, IFNA1		
Description:	Recombinant mouse IFN-alpha A. The native protein is a cytokine produced in response to viral infection.		
Concentration:	1 x 10 ⁶ units/ml		
Gene ID:	15962		
Protein Accession No:	NP_996753		
Source:	<i>E. coli</i>		
Molecular Weight:	19.3 kDa		
Formulation:	Liquid in PBS + 0.1% BSA		
Purity:	95%		
Endotoxin Level:	< 1 EU/μg		
Purification:	Combination of ion exchange, hydrophobic interaction, and size exclusion chromatography		
Biological Activity:	Interferon was titrated with the use of the cytopathic effect inhibition assay with EMCV as the challenge. The activity was determined relative to a lab standard of Mouse IFN-alpha A which was calibrated to the NIH Mouse IFN-alpha standard. In this assay the EC ₅₀ for IFN is ~ 5 U/ml. Lot activity was derived from multiple determinations in the assay. Please note that IFN assays vary between labs and assay systems.		
Storage & Stability:	Store at -80°C. Dilute only in buffers containing protein such as 0.1% BSA. Please note that the addition of any carrier protein into this product may produce unwanted endotoxin. This depends upon the particular application employed. Avoid repeated freeze-thaw cycles.		

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