

# Product Datasheet

## Recombinant Human IFN-alpha 1 Protein NBP2-35888-100ug

Unit Size: 100 ug

Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.

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**NBP2-35888-100ug**

## Recombinant Human IFN-alpha 1 Protein

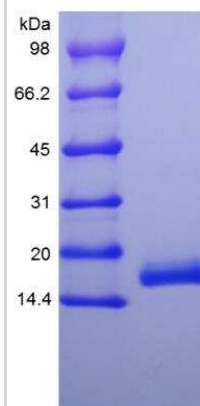
Product Information	
Unit Size	100 ug
Concentration	Lyoph
Storage	Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.
Preservative	5% Trehalose
Reconstitution Instructions	Recommended to centrifuge prior to opening. Reconstitute in sterile distilled water or aqueous buffer containing 0.1% BSA to a concentration of 0.1-1.0mg/mL.
Purity	> 97 % pure by SDS-PAGE and HPLC
Buffer	Lyophilized from a 0.2 um filtered solution in PBS, pH 7.4, containing 3 % Mannitol, 0.05 % Tween-80.
Target Molecular Weight	19.5 kDa

Product Description	
Description	A single non-glycosylated polypeptide chain containing 167 amino acids corresponding to IFN-alpha 1 <b>Source:</b> <i>E. coli</i>  <b>Uniprot ID:</b> P01562  <b>Amino Acid Sequence:</b> MCDLPETHSL DNRRTLMLLA QMSRISPSSC LMDRHDFGFP QEEFDGNQFQ KAPAVISLHE LIQQIFNLFT TKDSSAAWDE DLLDKFCTEL YQQLNDLEAC VMQEERVGET PLMNADSILA VKKYFRRITL YLTEKKYSPC AWEVVRAEIM RSLSLSTNLQ ERLRRKE
Gene ID	3439
Gene Symbol	IFNA1
Species	Human
Details of Functionality	IFN-alpha 1 protein is fully biologically active when compared to standard. The specific activity determined by an anti-viral assay is no less than 1.0 x 10 <sup>8</sup> IU/mg
Endotoxin Note	Less than 0.1 EU/ug of IFN-alpha 1 as determined by LAL method.

Product Application Details	
Applications	SDS-Page, Bioactivity
Recommended Dilutions	SDS-Page, Bioactivity

## Images

SDS-Page: Human Interferon alpha 1a Protein [NBP2-35888]





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### **Products Related to NBP2-35888-100ug**

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NBP2-35891-100ug	Recombinant Human IFN-alpha 1 Protein
210-TA-005	TNF-alpha [Unconjugated]
NBP2-75930	IFN-alpha 1 Antibody
M6000B-1	IL-6 [HRP]

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 3 months from date of receipt.

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