# Recombinant human Interferon alpha 2 protein

## ab187225

### Description

**Product name** | Recombinant human Interferon alpha 2 protein  
**Biological activity** | Activity is determined by the ability induce antiviral activity.  
**Purity** | >= 98 % SDS-PAGE.  
**Purity determined by** | HPLC, Reducing and Non-reducing SDS-PAGE  
**Endotoxin level** | <=1.000 Eu/µg  
**Expression system** | Escherichia coli  
**Accession** | P01563  
**Protein length** | Full length protein  
**Animal free** | No  
**Nature** | Recombinant  
**Species** | Human  
**Sequence** | MCDLPQTHSL GSRRTMLLA QMRKISLFSC LKDRHDFGFP QEEFGNQFQK AETIPVLHEM IQQIFNLFST KDSSAAWDET LLDFYTELY QQLNDLEACV IQVGVETETP LMKEDSILAV RKYFRITLY LKEKKYSPCA WEVVRAEIMR SFSLSTNLQE SLRSKE  
**Predicted molecular weight** | 19 kDa  
**Amino acids** | 24 to 188  
**Additional sequence information** | Non-glycosylated.

### Specifications

Our Abpromise guarantee covers the use of ab187225 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

**Applications** | HPLC  
**Functional Studies**  
**SDS-PAGE**  
**Form** | Lyophilised
**Preparation and Storage**

**Stability and Storage**
Shipped at 4°C. Upon reconstitution add a carrier protein (0.1% BSA). Store at -20°C long term.

Avoid freeze / thaw cycle.

This product is an active protein and may elicit a biological response in vivo, handle with caution.

**Reconstitution**
Centrifuge vial before opening. When reconstituting the product, gently pipet and wash down the sides of the vial to ensure full recovery of the protein into solution. It is recommended to reconstitute the lyophilised product with sterile water at a concentration of 0.1 mg/mL, which can be further diluted into other aqueous solutions. It is recommended that a carrier protein (0.1% HSA or BSA) is added for long term storage.

**General Info**

**Function**
Produced by macrophages, IFN-alpha have antiviral activities.

**Sequence similarities**
Belongs to the alpha/beta interferon family.

**Cellular localization**
Secreted.

**Images**

SDS PAGE analysis of ab187225 under non-reducing (-) and reducing (+) conditions. Stained with Coomassie Blue.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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