

Product datasheet

Recombinant human Interferon alpha 2 protein ab187225

[1 Image](#)

Description

Product name	Recombinant human Interferon alpha 2 protein
Biological activity	Activity is determined by the ability induce antiviral activity. This is determined to be $\geq 2.0 \times 10^8$ U/mg determined by Viral CPE assay using EMC virus on A549 cells.
Purity	≥ 98 % SDS-PAGE. Purity determined by HPLC, Reducing and Non-reducing SDS-PAGE
Endotoxin level	≤ 1.000 Eu/ μ g
Expression system	Escherichia coli
Accession	<u>P01563</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MCDLPQTHSL GSRRTLMLLA QMRKISLFSC LKDRHDFGFP QEEFGNQFQK AETIPVLHEM IQQIFNLFST KDSSAAWDET LLDKFYTELY QQLNDLEACV IQGVGVTE TP LMKEDSILAV RKYFQRITLY LKEKKYSPCA WEVVRAEIMR SFSLSSTNLQE 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	Lyophilized

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.

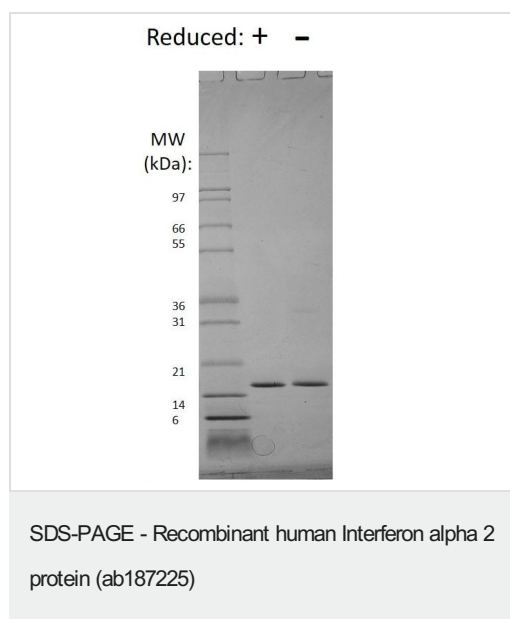
Sequence similarities

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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- Replacement or refund for products not performing as stated on the datasheet
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- Response to your inquiry within 24 hours

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