

Product datasheet

Recombinant human Interferon alpha 2 protein (Active) ab200262

Description

Product name	Recombinant human Interferon alpha 2 protein (Active)
Biological activity	The specific activity as determined in a viral resistance assay was found to be no less than 1.0 x 10 ⁸ IU/mg.
Purity	> 97 % SDS-PAGE. Purity is determined by SDS-PAGE and HPLC analyses.
Endotoxin level	< 1.000 Eu/μg
Expression system	Escherichia coli
Accession	<u>P01563</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	CDLPQTHSLGSRRTLMMLLAQMRKISLFSCLKDRHDFGFPQ EEFGNQFQKA ETIPVLHEMIQQIFNLFSTKDSSAAWDETLLDKFYTELYQQL NDLEACVI QGVGVTEETPLMKEDSILAVRKYFQRITLYLKEKKYSPCAW EVVRAEIMRS FSLSTNLQESLRSKE
Predicted molecular weight	19 kDa
Amino acids	24 to 188
Additional sequence information	This product is for the mature full length protein without the signal peptide.

Specifications

Our **Abpromise guarantee** covers the use of **ab200262** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	HPLC SDS-PAGE Functional Studies
Form	Lyophilized

Preparation and Storage

Stability and Storage

Shipped at 4°C. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 7.40

Constituent: 100% PBS

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

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1% BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at <-20°C. Further dilutions should be made in appropriate buffered solutions.

General Info

Function

Produced by macrophages, IFN-alpha have antiviral activities.

Sequence similarities

Belongs to the alpha/beta interferon family.

Cellular localization

Secreted.

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

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- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors