

## Product datasheet

# Recombinant human Interferon beta protein (Active) ab71475

## 3 References

### Description

<b>Product name</b>	Recombinant human Interferon beta protein (Active)
<b>Biological activity</b>	Determined by a cytotoxicity assay using human TF-1 cells. The expected ED <sub>50</sub> is ≤ 0.1 ng/ml, corresponding to a specific activity of ≥ 1 x 10 <sup>7</sup> units/mg.
<b>Purity</b>	≥ 95 % SDS-PAGE. ≥ 95% HPLC analyses. Due to glycosylation, IFN-β has an approximate MW of 22.3 kDa based on SDS-PAGE gel
<b>Endotoxin level</b>	< 1.000 Eu/μg
<b>Expression system</b>	CHO cells
<b>Accession</b>	<b><u>P01574</u></b>
<b>Protein length</b>	Full length protein
<b>Animal free</b>	No
<b>Nature</b>	Recombinant
<b>Species</b>	Human
<b>Sequence</b>	MSYNLLGFLQ RSSNFQCQKL LWQLNGRLEY CLKDRMNFDI PEEIKQLQQF QKEDAALTY EMLQNIFAIF RQDSSSTGWN ETIVENLLAN VYHQINHLKT VLEEKLEKED FTRGKLMSSL HLKRYYGRIL HYLKAKEYSH CAWTIVRVEI LRNFYFINRL TGYLRN
<b>Predicted molecular weight</b>	20 kDa
<b>Amino acids</b>	22 to 187
<b>Additional sequence information</b>	Full length mature protein, minus the signal peptide.

### Specifications

Our **Abpromise guarantee** covers the use of **ab71475** in the following tested applications.

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

<b>Applications</b>	SDS-PAGE
	Functional Studies
	HPLC

<b>Form</b>	Lyophilized
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## Preparation and Storage

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<b>Stability and Storage</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.  This product is an active protein and may elicit a biological response in vivo, handle with caution.
<b>Reconstitution</b>	For lot specific reconstitution information please contact our Scientific Support Team.

## General Info

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<b>Function</b>	Has antiviral, antibacterial and anticancer activities.
<b>Sequence similarities</b>	Belongs to the alpha/beta interferon family.
<b>Cellular localization</b>	Secreted.

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

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