

## Product datasheet

# Recombinant mouse IL-22 protein (Animal Free) ab207981

[1 Image](#)

### Description

<b>Product name</b>	Recombinant mouse IL-22 protein (Animal Free)	
<b>Biological activity</b>	Biological activity: the activity is determined by the dose-dependant induction of IL10 from COLO-205 cells and is typically less than 0.2 ng/mL. This corresponds to an expected specific activity of $5 \times 10^6$ units/mg.	
<b>Purity</b>	> 95 % SDS-PAGE. The purity of ab207981 was determined by reducing and non-reducing SDS-PAGE.	
<b>Endotoxin level</b>	< 0.050 Eu/ $\mu$ g	
<b>Expression system</b>	Escherichia coli	
<b>Accession</b>	<b><u>Q9JJY9</u></b>	
<b>Protein length</b>	Full length protein	
<b>Animal free</b>	Yes	
<b>Nature</b>	Recombinant	
<b>Species</b>	Mouse	
<b>Sequence</b>	MLPVNTRCKL EVSNFQQPYI VNRTFMLAKE ASLADNNTDV RLIGEKLFGRG VSAKDQCYLEM KQVLNFTLED VLLPQSDRFQ PYMQEVPFL TKLSNQLSSC HISGDDQNIQ KNVRRLLKETV KKLGESGEIK AIGELDLLFM SLRNACV	
<b>Predicted molecular weight</b>	17 kDa	
<b>Amino acids</b>	34 to 179	
<b>Additional sequence information</b>	Mature form without initial signal peptide, but with an initial Met.	

### Specifications

Our **Abpromise guarantee** covers the use of **ab207981** 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
<b>Form</b>	Lyophilized

## Preparation and Storage

### Stability and Storage

Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.

Constituent: 0.1% Trifluoroacetic acid

Lyophilized from a sterile filtered aqueous solution.

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

### Reconstitution

Reconstitute in sterile water at 0.1 mg/mL. Centrifuge vial before opening. Suspend the product by gently pipetting the above recommended solution down the sides of the vial. DO NOT VORTEX. Allow several minutes for complete reconstitution. For prolonged storage, dilute to working aliquots in a 0.1% BSA solution, store at -80 °C and avoid repeat freeze thaws.

## General Info

### Function

Cytokine that contributes to the inflammatory response in vivo.

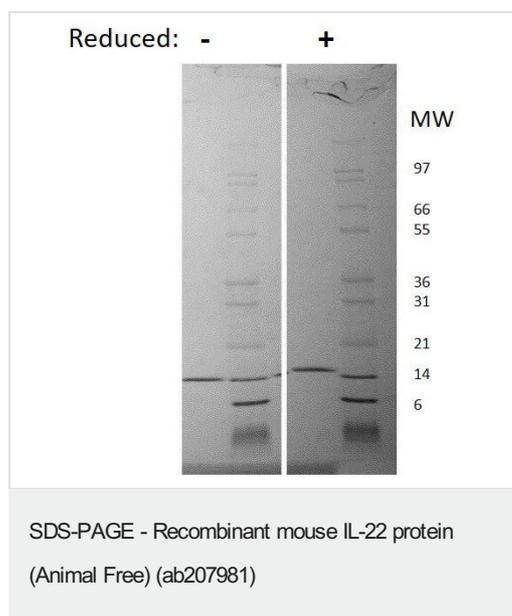
### Sequence similarities

Belongs to the IL-10 family.

### Cellular localization

Secreted.

## Images



SDS PAGE analysis of ab207981 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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- 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
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