

## Product datasheet

# Recombinant Horse IL-10 protein ab209161

### Description

<b>Product name</b>	Recombinant Horse IL-10 protein	
<b>Purity</b>	> 95 % SDS-PAGE. Purification by Ion Exchange Chromatography, purity determined by SDS-PAGE	
<b>Expression system</b>	Yeast	
<b>Accession</b>	<a href="#">Q28374</a>	
<b>Protein length</b>	Full length protein	
<b>Animal free</b>	No	
<b>Nature</b>	Recombinant	
<b>Species</b>	Equus	
<b>Sequence</b>	SRDRGTQSEN SCTHFPTSLP HMLHELRAAF SRVKTFQMK DQLDNMLLNG SLLEDFKGYL GCQALSEMIQ FYLEEVMPQA ENHGPDIKEH VNSLGEKLKT LRVRLRRCHR FLPCENKSKA VEQVKSFAFSK LQEKGVYKAM SEFDIFINYI EAYMTTKMKN	
<b>Predicted molecular weight</b>	19 kDa	
<b>Amino acids</b>	19 to 178	
<b>Additional sequence information</b>	This product is for the mature full length protein. The signal peptide is not included.	

### Specifications

Our [Abpromise guarantee](#) covers the use of **ab209161** 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
<b>Form</b>	Lyophilized

### Preparation and Storage

<b>Stability and Storage</b>	Shipped at 4°C. Upon reconstitution add a carrier protein (0.1% BSA). Store at -20°C long term. Avoid freeze / thaw cycle. Constituents: 10% Trehalose, 90% PBS
<b>Reconstitution</b>	Reconstitute with sterile Phosphate-buffered saline containing at least 0.1% carrier protein.

## General Info

---

<b>Function</b>	Inhibits the synthesis of a number of cytokines, including IFN-gamma, IL-2, IL-3, TNF and GM-CSF produced by activated macrophages and by helper T-cells.
<b>Tissue specificity</b>	Produced by a variety of cell lines, including T-cells, macrophages, mast cells and other cell types.
<b>Sequence similarities</b>	Belongs to the IL-10 family.
<b>Cellular localization</b>	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.

## Terms and conditions

---

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