

## Product datasheet

# Recombinant Dog IL-13 protein ab209146

### Description

<b>Product name</b>	Recombinant Dog IL-13 protein	
<b>Purity</b>	> 95 % SDS-PAGE. Ion-exchange chromatography.	
<b>Expression system</b>	Yeast	
<b>Accession</b>	<a href="#">Q9N0W9</a>	
<b>Protein length</b>	Full length protein	
<b>Animal free</b>	No	
<b>Nature</b>	Recombinant	
<b>Species</b>	Dog	
<b>Sequence</b>	SPSPVTPSPTLKEIEELVNITQNQASLCNGSMVWSVNLT AGMYCAALES LINVSDCSAIQRTQRMLKALCSQKPAAGISSERSRDTKIEVI QLVKNLLT YVRGVYRHGNFR	
<b>Predicted molecular weight</b>	12 kDa	
<b>Amino acids</b>	19 to 131	
<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 **ab209146** 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
<b>Additional notes</b>	ab209146 was produced in yeast and therefore does not have endotoxin, is naturally folded, and post-translationally modified.

### Preparation and Storage

<b>Stability and Storage</b>	Shipped at 4°C. Store at -20°C. Avoid freeze / thaw cycle. Constituents: 90% PBS, 10% Trehalose
<b>Reconstitution</b>	Reconstitute with sterile phosphate-buffered saline containing at least 0.1% carrier protein. Once

reconstituted store at – 20 °C in working aliquots and avoid repeated freeze/thaw cycles.

## General Info

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<b>Function</b>	Cytokine (PubMed:8096327, PubMed:8097324). Inhibits inflammatory cytokine production (PubMed:8096327). Synergizes with IL2 in regulating interferon-gamma synthesis (PubMed:8096327). May be critical in regulating inflammatory and immune responses (PubMed:8096327, PubMed:8097324). Positively regulates IL31RA expression in macrophages.
<b>Involvement in disease</b>	Allergic rhinitis
<b>Sequence similarities</b>	Belongs to the IL-4/IL-13 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"

## Our Abpromise to you: Quality guaranteed and expert technical support

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- 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
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- 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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