

Product datasheet

Recombinant human IL-17A protein (Fc Chimera)  
ab214605

Description

<b>Product name</b>	Recombinant human IL-17A protein (Fc Chimera)	
<b>Biological activity</b>	Measured by its ability to induce IL-6 secretion.	
<b>Purity</b>	>= 98 % SDS-PAGE.	
<b>Endotoxin level</b>	< 5.000 Eu/mg	
<b>Expression system</b>	HEK 293 cells	
<b>Accession</b>	<a href="#">Q16552</a>	
<b>Protein length</b>	Full length protein	
<b>Animal free</b>	No	
<b>Nature</b>	Recombinant	
<b>Species</b>	Human	
<b>Sequence</b>	MKAGITIPRN PGCPNSEDKN FPRTVMVNLN IHRNTNTNP KRSSDYNRS TSPWNLHRNE DPERYPSVIW EAKCRHLGCI NADGNVDYHM NSVPIQQEIL VLRREPPHCP NSFRLKILV SVGCTCVTPIVHHVA	
<b>Predicted molecular weight</b>	16 kDa	
<b>Amino acids</b>	20 to 155	
<b>Additional sequence information</b>	This product is for the mature full length protein. The signal peptide is not included. Fused to the N-terminus of the Fc region of mutant human IgG1.	

Specifications

Our [Abpromise guarantee](#) covers the use of **ab214605** 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>	Lyophilised
<b>Additional notes</b>	Non-lytic

## 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). Store at -20°C long term. Avoid freeze / thaw cycle. Constituent: 100% PBS This product is an active protein and may elicit a biological response in vivo, handle with caution.
<b>Reconstitution</b>	Reconstitute with 50 µl sterile water to a concentration of 1mg/ml. Add 1X PBS to the desired protein concentration.

## General Info

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<b>Function</b>	Induces stromal cells to produce proinflammatory and hematopoietic cytokines. Enhances the surface expression of the intracellular adhesion molecule-1 (ICAM-1) in fibroblasts.
<b>Tissue specificity</b>	Restricted to activated memory T-cells.
<b>Sequence similarities</b>	Belongs to the IL-17 family.
<b>Post-translational modifications</b>	Found both in glycosylated and nonglycosylated forms.
<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
- 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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