

## Product datasheet

# Recombinant human Lymphotactin/ATAC protein ab202785

### Description

<b>Product name</b>	Recombinant human Lymphotactin/ATAC protein	
<b>Biological activity</b>	Fully biologically active when compared to standard. Determined by its ability to chemoattract Human T cells using a concentration range of 10.0-100.0 ng/ml.	
<b>Purity</b>	> 97 % SDS-PAGE. > 97 % by HPLC.	
<b>Endotoxin level</b>	< 1.000 Eu/µg	
<b>Expression system</b>	Escherichia coli	
<b>Accession</b>	<a href="#">P47992</a>	
<b>Protein length</b>	Full length protein	
<b>Animal free</b>	No	
<b>Nature</b>	Recombinant	
<b>Species</b>	Human	
<b>Sequence</b>	GSEVSDKRTCVSLTTQRLPVSRIKTYTITEGSLRAVIFIT KRGLKVCADP QATWVRDVVRSMDRKSNTNRNMIQTKPTGTQQSTNTA VTLTG	
<b>Predicted molecular weight</b>	10 kDa	
<b>Amino acids</b>	23 to 114	
<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 **ab202785** 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>	Functional Studies HPLC SDS-PAGE
<b>Form</b>	Lyophilised
<b>Additional notes</b>	This product was previously labelled as Lymphotactin

## Preparation and Storage

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<b>Stability and Storage</b>	Shipped at 4°C. Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle. pH: 7.40 Constituents: 0.87% Sodium chloride, 99% Phosphate Buffer  0.2 µm filtered  This product is an active protein and may elicit a biological response in vivo, handle with caution.
<b>Reconstitution</b>	Briefly centrifuge prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1% BSA to a concentration of 0.1-1.0 mg/ml. Stock solutions should be apportioned into working aliquots and stored at <-20°C. Further dilutions should be made in appropriate buffered solutions.

## General Info

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<b>Function</b>	Chemotactic activity for lymphocytes but not for monocytes or neutrophils.
<b>Tissue specificity</b>	Highest level in spleen, lower in peripheral leukocytes and very low levels in lung, colon and small intestine.
<b>Sequence similarities</b>	Belongs to the intercrine gamma 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
- 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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