

# Recombinant human IL-4 Receptor alpha protein ab225862

### 描述

产品名称	重组人IL-4 Receptor alpha蛋白		
生物活性	The ED <sub>50</sub> was determined by its ability to inhibit the IL-4 dependent proliferation of human TF-1 cells is ≤ 5.0 ng/ml (in the presence of 0.5 ng/ml of IL-4), corresponding to a specific activity of ≥ 2 x 10 <sup>5</sup> units/mg.		
纯度	> 95 % SDS-PAGE. Greater than 97% by SDS-PAGE and HPLC analyses.		
内毒素水平	< 1.000 Eu/μg		
表达系统	CHO cells		
Accession	<b><u>P24394</u></b>		
蛋白长度	Protein fragment		
无动物成分	No		
性质	Recombinant		
种属	Human		
序列	GNMKVLQEPT CVSDYMSIST CEWKMNGPTN CSTE LRLLYQ LVFLLSEAHT CIPENNGGAG CVCHLLMDDV VSADNYTLDL WAGQQLLWKG SFKPSEHVKP RAPGNLTVHT NVSDTLLLTW SNPYPPDNYL YNHLTYAVNI WSENDPADFR IYNVTYLEPS LRIAAS TLKS GISYRARVRA WAQCYNTTWS EWSPSTKWHN SYREPFEQH		
预测分子量	24 kDa		
氨基酸	24 to 232		

### 技术指标

Our **Abpromise guarantee** covers the use of **ab225862** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	SDS-PAGE
	Functional Studies
形式	Lyophilized

## 制备和贮存

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### 稳定性和存储

Shipped at 4°C. Upon delivery aliquot. Store at -20°C. Avoid freeze / thaw cycle.

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

### 复溶

Centrifuge the vial prior to opening. Reconstitute in water to a concentration of 0.1-1.0 mg/ml. This solution can then be diluted into other aqueous buffers and stored at 4°C for 1 week or -20°C for future use.

## 常规信息

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### 相关性

IL-4 Receptor alpha (IL-4RA) is the alpha chain of the interleukin 4 receptor which binds to both interleukin 4 and interleukin 13 to regulate IgE production, chemokine and mucus production at sites of allergic inflammation. The IL4 response is involved in promoting Th2 differentiation. The secreted extracellular domain of IL-4R alpha, called sIL4R alpha, can inhibit IL4-mediated cell proliferation and IL5 upregulation by T-cells. It has no signaling abilities. Allelic variations in the IL-4RA gene have been associated with atopy, a condition that can manifest itself as allergic rhinitis, sinusitis, asthma, or eczema.

### 细胞定位

Cell membrane; single-pass type I membrane protein. Isoform 2: Secreted protein.

**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.cn/abpromise> or contact our technical team.

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