

### Recombinant human IL-4 protein ab119465

#### 製品の詳細

製品名	Recombinant human IL-4 protein
生理活性	The ED <sub>50</sub> as determined by the dose-dependent stimulation of Human TF-1 cells is = 0.2 ng/ml, corresponding to a specific activity of = 5 x 10 <sup>6</sup> units/mg.
精製度	> 98 % SDS-PAGE. Greater than 98% by HPLC
エンドキシン・レベル	< 1.000 Eu/μg
発現系	Escherichia coli
アクセッション番号	<b>P05112</b>
タンパク質長	Full length protein
Animal free	No
由来	Recombinant
生物種	Human
配列	HKCDITLQEIIKTLNSLTEQKTLCTELTVTDIFAASKNTTEK ETFCRAAT VLRQFYSHHEKDTRCLGATAQQFHRHKQLIRFLKRLDRNLWG LAGLNSCP VKEANQSTLENFLERLKTIMREKYSKCSS
予測される分子量	15 kDa
領域	25 to 153
配列の追加情報	Full length mature chain without signal peptide.

#### 特性

Our **Abpromise guarantee** covers the use of **ab119465** in the following tested applications.

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

アプリケーション	Western blot
	ELISA
	Functional Studies
	SDS-PAGE
	HPLC
製品の状態	Lyophilized

## 前処理および保存

---

### 保存方法および安定性

Shipped at 4°C. After reconstitution store at -20°C. Avoid freeze / thaw cycles.

Buffer prior to lyophilisation is water with trace amounts of 0.1% TCA

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

### 再構成

Reconstitute with 50ul distilled water Care should be taken during reconstitution as the protein may appear as a film at the bottom of the vial. It is recommended that the vial is gently mixed after reconstitution.

## 関連情報

---

### 機能

Participates in at least several B-cell activation processes as well as of other cell types. It is a costimulator of DNA-synthesis. It induces the expression of class II MHC molecules on resting B-cells. It enhances both secretion and cell surface expression of IgE and IgG1. It also regulates the expression of the low affinity Fc receptor for IgE (CD23) on both lymphocytes and monocytes.

### 関連疾患

Genetic variations in IL4 may be a cause of susceptibility to ischemic stroke (ISCHSTR) [MIM:601367]; also known as cerebrovascular accident or cerebral infarction. A stroke is an acute neurologic event leading to death of neural tissue of the brain and resulting in loss of motor, sensory and/or cognitive function. Ischemic strokes, resulting from vascular occlusion, is considered to be a highly complex disease consisting of a group of heterogeneous disorders with multiple genetic and environmental risk factors.

### 配列類似性

Belongs to the IL-4/IL-13 family.

### 細胞内局在

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.co.jp/abpromise> or contact our technical team.

## Terms and conditions

---

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