

## Product datasheet

# Recombinant rat IL1 alpha protein ab9877

### 製品の概要

製品名	Recombinant rat IL1 alpha protein
タンパク質長	Full length protein

### 製品の詳細

由来	Recombinant
由来	Escherichia coli

### アミノ酸配列

生物種	Rat
配列	Recombinant Rat IL-1a is a 17.7 kDa protein containing 155 amino acid residues: MAPHSFQNNL RYKLIRIVKQ EFIMNDSLQ NIYV DMDRIH LKAASLNDLQ LEVKFDYAYSSGGDSKYPV TLKVSNTQLF VSAQGEDKPV LLKEIPETPK LITGSETDLI FFWEKINSKNYFTSAAF PEL LIATKEQSQV HLARGLPMSI DFQIS

### 特性

Our [Abpromise guarantee](#) covers the use of **ab9877** 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	Functional Studies SDS-PAGE
エンドトキシン・レベル	< 0.100 Eu/μg
製品の状態	Lyophilised
備考	The ED <sub>50</sub> , determined by the dose-dependent stimulation of murine D10S cells, is < 0.005 ng/ml, corresponding to a specific activity of > 2 x 10 <sup>8</sup> units/mg.

### 前処理および保存

保存方法および安定性	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -
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80°C. Avoid freeze / thaw cycle.

n/a

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

## 関連情報

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機能	Produced by activated macrophages, IL-1 stimulates thymocyte proliferation by inducing IL-2 release, B-cell maturation and proliferation, and fibroblast growth factor activity. IL-1 proteins are involved in the inflammatory response, being identified as endogenous pyrogens, and are reported to stimulate the release of prostaglandin and collagenase from synovial cells.
配列類似性	Belongs to the IL-1 family.
ドメイン	The similarity among the IL-1 precursors suggests that the amino ends of these proteins serve some as yet undefined function.
細胞内局在	Secreted. The lack of a specific hydrophobic segment in the precursor sequence suggests that IL-1 is released by damaged cells or is secreted by a mechanism differing from that used for other secretory proteins.

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

## 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 <http://www.abcam.co.jp/abpromise> or contact our technical team.

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