

## Product datasheet

# Recombinant human IL1 alpha protein ab9615

### 概述

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产品名称	Recombinant人IL1 alpha protein
蛋白长度	Full length protein

### 描述

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性质	Recombinant
来源	Escherichia coli

### 氨基酸序列

种属	Human
序列	Human IL-1a is an 18.0 kDa protein containing 159 amino acid residues: SAPFSFLSNV KYNFMRIKY EFILNDALNQ SIIRANDQYL TAAALHNLDE AVKFDMGAYK SSKDDAKITV ILRISKTKLY VTAQDEDQPV LLKEMPEIPK TITGSETNLL FFWET HGTKNYFTSVAHPNL FIATKQDYWV CLAGGPPSIT DFQILENQA

### 技术指标

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Our [Abpromise guarantee](#) covers the use of **ab9615** in the following tested applications.

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

应用	Functional Studies SDS-PAGE
内毒素水平	< 0.100 Eu/μg
形式	Lyophilised
补充说明	The ED <sub>50</sub> , determined by the dose-dependent stimulation of murine D10S cells, is < 0.001 ng/ml, corresponding to a specific activity of > 1 x 10 <sup>9</sup> units/mg.

### 制备和贮存

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稳定性和存储	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.

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

## 常规信息

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<b>功能</b>	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.
<b>序列相似性</b>	Belongs to the IL-1 family.
<b>结构域</b>	The similarity among the IL-1 precursors suggests that the amino ends of these proteins serve some as yet undefined function.
<b>细胞定位</b>	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.

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

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