

### Recombinant human IL-2 protein (Active) ab9619

#### 製品の詳細

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| 製品名         | Recombinant human IL-2 protein (Active)  |
| 生理活性        | The <b>ED<sub>50</sub></b> , as determined by the dose-dependent stimulation of murine CTLL-2 cells, is $\leq 0.1$ ng/ml, corresponding to a specific activity of $\geq 1 \times 10^7$ units/mg. |
| 精製度         | $\geq 98$ % SDS-PAGE.<br>$\geq 98$ % HPLC analyses. Sterile filtered.  |
| エンドトキシン・レベル | $< 1.000$ Eu/ $\mu$ g  |
| 発現系         | Escherichia coli   |
| アクセッション番号   | <b>P60568</b>  |
| タンパク質長      | Full length protein  |
| Animal free | No   |
| 由来          | Recombinant  |
| 生物種         | Human  |
| 配列          | MAPTSSSTKK TQLQLEHLLL DLQMILNGIN<br>NYKNPKLTRM LTFKFYMPKK ATELKHLQCL<br>EEELKPLEEV LNLAQSKNFH LRPRDLISNI<br>NVIVLELKGS ETTFMCEYAD ETATIVEFLN<br>RWITFAQSII STLT                                  |
| 予測される分子量    | 16 kDa   |
| 領域          | 21 to 153  |
| 配列の追加情報     | Full length mature protein, without the signal peptide. This protein also includes an initiator methionine.  |

#### 特性

Our **Abpromise guarantee** covers the use of **ab9619** 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 | HPLC               |
|          | Functional Studies |
|          | SDS-PAGE           |
| 製品の状態    | Lyophilized        |

## 前処理および保存

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### 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 -80°C. Avoid freeze / thaw cycle.

Constituent: 0.29% Sodium citrate

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

### 再構成

Centrifuge the vial prior to opening. Reconstitute in 100 mM Acetic Acid 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.

## 関連情報

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### 機能

Produced by T-cells in response to antigenic or mitogenic stimulation, this protein is required for T-cell proliferation and other activities crucial to regulation of the immune response. Can stimulate B-cells, monocytes, lymphokine-activated killer cells, natural killer cells, and glioma cells.

### 関連疾患

Note=A chromosomal aberration involving IL2 is found in a form of T-cell acute lymphoblastic leukemia (T-ALL). Translocation t(4;16)(q26;p13) with involves TNFRSF17.

### 配列類似性

Belongs to the IL-2 family.

### 細胞内局在

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

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