

## Product datasheet

# Recombinant mouse IL2 protein ab119728

### 製品の概要

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製品名	Recombinant mouse IL2 protein
タンパク質長	Full length protein

### 製品の詳細

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由来	Recombinant
由来	Escherichia coli

### アミノ酸配列

アクセッション番号 [P04351](#)

生物種	Mouse
分子量	17 kDa
領域	21 to 169

### 特性

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Our [Abpromise guarantee](#) covers the use of **ab119728** in the following tested applications.

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

**生理活性** The ED<sub>50</sub> range is 0.1-0.4 ng/ml, as determined by the dose-dependent stimulation of the proliferation of murine CTLL-2 cells.

**アプリケーション** SDS-PAGE  
HPLC  
Functional Studies

**精製度** > 98 % SDS-PAGE.  
Purity: >98% by SDS-PAGE and HPLC analysis. Endotoxin level is <0.1 ng per µg of IL2.

**製品の状態** Lyophilised

**備考** ab119728 is best-stored desiccated.

### 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 -80°C. Avoid freeze / thaw cycle. For long term storage it is recommended to add a carrier protein on reconstitution (0.1% HSA or BSA).

pH: 4.00  
Constituent: 0.26% 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 AcOH to a concentration of 0.1-1 µg/µl to regain full activity. The solution can then be diluted into other aqueous buffers.

#### 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 AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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