

Product datasheet

Recombinant mouse IL2 protein ab119728

製品の概要

製品名	Recombinant mouse IL2 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

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

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 ED₅₀ 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

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

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

Secreted.

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

- 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 <http://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