

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 ED ₅₀ range is 0.1-0.4 ng/ml, as determined by the dose-dependent stimulation of the proliferation of murine CTLL-2 cells.
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アプリケーション	SDS-PAGE HPLC Functional Studies
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精製度	> 98 % SDS-PAGE. Purity: >98% by SDS-PAGE and HPLC analysis. Endotoxin level is <0.1 ng per µg of IL2.
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製品の状態	Lyophilised
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備考	ab119728 is best-stored desiccated.
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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
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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.

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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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