

Product datasheet

Recombinant human IL2 protein ab9619

概述

产品名称	重组人IL2蛋白
蛋白长度	Full length protein

描述

性质	Recombinant
来源	Escherichia coli

氨基酸序列

种属	Human
序列	<p>Recombinant Human IL-2 is a 15.5 kDa protein containing 134 amino acid residues including one intrachain disulfide bond:</p> <p>MAPTSSSTKKTQLQLEHLLLDLQMILNGINNYKNPKLTRML TFKFYMPKKATELKHLQCLEEELKPLEEVLNLAQSKNFHLRPRDLISNI NVIVLELKGSETTFMCEYAD ETATIVEFLNRWITFAQSIISTLT.</p>
氨基酸	1 to 134

技术指标

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.

生物活性	The ED ₅₀ as determined by the dose-dependent stimulation of murine CTLL-2 cells is ≤ 0.1 ng/ml, corresponding to a specific activity of ≥ 1 x 10 ⁷ units/mg.
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应用	<p>Functional Studies</p> <p>SDS-PAGE</p>
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内毒素水平	< 0.100 Eu/μg
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形式	Lyophilised
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补充说明	The ED ₅₀ , determined by the dose-dependent stimulation of murine CTLL-2 cells, is < 0.1 ng/ml, corresponding to a specific activity of > 1 x 10 ⁷ units/mg.
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制备和贮存

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 -80°C. Avoid freeze / thaw cycle.

Information available upon request.

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

复溶

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.

常规信息

功能

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.

疾病相关

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.

序列相似性

Belongs to the IL-2 family.

细胞定位

Secreted.

Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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