

Product datasheet

Recombinant human IL1 alpha protein ab9615

概述

产品名称	重组人IL1 alpha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	Human IL-1a is an 18.0 kDa protein containing 159 amino acid residues: SAPFSFLSNV KYNFMRIKY EFILNDALNQ SIIRANDQYL TAAALHNLDE AVKFDMGAYK SSKDDAKITV ILRISKTKLY VTAQDEDQPV LLKEMPEIPK TITGSETNLL FFWET HGTKNYFTSVAHPNL FIATKQDYWV CLAGGPPSIT DFQILENQA

技术指标

Our [Abpromise guarantee](#) covers the use of **ab9615** in the following tested applications.

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

应用	Functional Studies SDS-PAGE
内毒素水平	< 0.100 Eu/μg
形式	Lyophilised
补充说明	The ED ₅₀ , determined by the dose-dependent stimulation of murine D10S cells, is < 0.001 ng/ml, corresponding to a specific activity of > 1 x 10 ⁹ units/mg.

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 -
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80°C. Avoid freeze / thaw cycle.

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

常规信息

功能	Produced by activated macrophages, IL-1 stimulates thymocyte proliferation by inducing IL-2 release, B-cell maturation and proliferation, and fibroblast growth factor activity. IL-1 proteins are involved in the inflammatory response, being identified as endogenous pyrogens, and are reported to stimulate the release of prostaglandin and collagenase from synovial cells.
序列相似性	Belongs to the IL-1 family.
结构域	The similarity among the IL-1 precursors suggests that the amino ends of these proteins serve some as yet undefined function.
细胞定位	Secreted. The lack of a specific hydrophobic segment in the precursor sequence suggests that IL-1 is released by damaged cells or is secreted by a mechanism differing from that used for other secretory proteins.

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

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