

# Recombinant mouse IL-1 alpha protein ab9725

## 1 References

描述	
产品名称	重组小鼠IL-1 alpha蛋白
纯度	> 98 % SDS-PAGE. Sterile filtered Greater than 98% pure by HPLC analyses. Endotoxin level is less than 0.1 ng per g (1EU/g).
表达系统	Escherichia coli
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Mouse
序列	Recombinant Murine IL-1a is a 17.9 kDa protein containing 156 amino acid residues: SAPYTYQSDL RYKLMKLVQR KFVMNDSLNQ TIYQ DVDKHY LSTTWLNDLQ QEVKFDMYAYSSGGDDSKYP VTLKISDSQL FVSAQGEDQP VLLKELPETP KLITGSETDL IFFWKSINSKNYFTSAA YPE LFIATKEQSR VHLARGLPSM TDFQIS

技术指标	
Our <b>Abpromise guarantee</b> covers the use of <b>ab9725</b> 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
形式	Lyophilized
补充说明	The ED <sub>50</sub> , determined by the dose-dependent stimulation of murine D10S cells, is < 0.002 ng/ml, corresponding to a specific activity of > 5 x 10 <sup>8</sup> 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 -80°C. Avoid freeze / thaw cycle.

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

**复溶** For lot specific reconstitution information please contact our Scientific Support Team.

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## 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.

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**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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