

Recombinant mouse IL-1 alpha protein ab9725

1 References

製品の詳細

製品名	Recombinant mouse IL-1 alpha protein
精製度	> 98 % SDS-PAGE. Sterile filtered Greater than 98% pure by HPLC analyses. Endotoxin level is less than 0.1 ng per g (1EU/g).
発現系	Escherichia coli
タンパク質長	Full length protein
Animal free	No
由来	Recombinant
生物種	Mouse
配列	Recombinant Murine IL-1a is a 17.9 kDa protein containing 156 amino acid residues: SAPYTYQSDL RYKLMKLVQR KFMNDSLNQ TIYQ DVDKHY LSTTWLNDLQ QEVKFDMYAYSSGGDDSKYP VTLKISDSQL FVSAQGEDQP VLLKELPETP KLITGSETDL IFFWKSINSKNYFTSAA YPE LFIATKEQSR VHLARGLPSM TDFQIS

特性

Our **Abpromise guarantee** covers the use of **ab9725** in the following tested applications.

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

アプリケーション	Functional Studies SDS-PAGE
製品の状態	Lyophilized
備考	The ED ₅₀ , determined by the dose-dependent stimulation of murine D10S cells, is < 0.002 ng/ml, corresponding to a specific activity of > 5 x 10 ⁸ units/mg.

前処理および保存

保存方法および安定性	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.
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This product is an active protein and may elicit a biological response in vivo, handle with caution.

再構成

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

関連情報

機能

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.

配列類似性

Belongs to the IL-1 family.

ドメイン

The similarity among the IL-1 precursors suggests that the amino ends of these proteins serve some as yet undefined function.

細胞内局在

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. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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