

Product datasheet

Recombinant human IL1 alpha protein ab119165

画像数 1

製品の概要

製品名	Recombinant human IL1 alpha 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 [P01583](#)

生物種 Human

配列
 SAPFSFLSNVKYNFMRIIKYEFILNDALNQSIIRANDQYLTAALHNLDE
 AVKFDMGAYKSSKDDAKITVILRISKYQLYVTAQDEDQPVLKEMPEKPK
 TITGSETNLLFFWETHGTKNYFTSVAHPNLFIA TKQDYWVCLAGGPPSIT
 DFQILENQA

分子量 18 kDa

領域 113 to 271

特性

Our [Abpromise guarantee](#) covers the use of **ab119165** 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 activity is determined by the stimulation of D10S.G4.1 cells and is typically 1-6 pg/ml.

アプリケーション
 SDS-PAGE
 HPLC
 Functional Studies

エンドトキシン・レベル < 0.100 Eu/μg

製品の状態 Lyophilised

備考 It is recommended that a carrier protein (0.1% HSA or BSA) is added for long term storage.

前処理および保存

保存方法および安定性

Shipped at 4°C. After reconstitution store at -20°C. Avoid freeze / thaw cycles.

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

再構成

Lyophilised product is very stable at -20°C. Centrifuge vial before opening. When reconstituting ab119165, gently pipette and wash down the sides of the vial to ensure full recovery of the protein into solution. It is recommended to reconstitute the lyophilised product with sterile water at a concentration of 0.1 mg/ml, which can be further diluted into other aqueous solutions.

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.

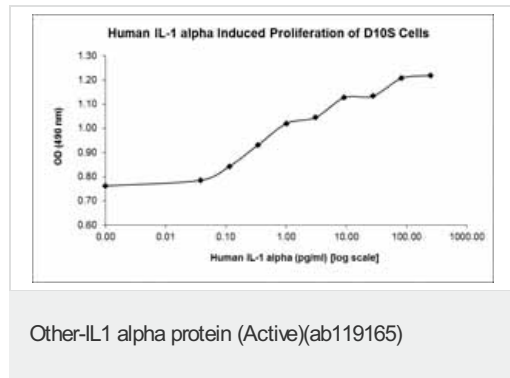
ドメイン

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.

画像



ab119165 used in Functional Studies.

Other-IL1 alpha protein (Active)(ab119165)

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