

Recombinant human LTA protein ab639

製品の詳細

製品名	Recombinant human LTA protein
生理活性	The ED50, determined by the cytolysis of murine L929 cells in the presence of actinomycin D, is < 0.05 ng/ml, corresponding to a specific activity of > 2 x 10 ⁷ units/mg.
精製度	>= 98 % SDS-PAGE. Sterile filtered Greater than 98% pure by HPLC analyses. Endotoxin level is less than 0.1 ng per µg (1EU/µg).
発現系	Escherichia coli
アクセッション番号	P01374
タンパク質長	Full length protein
Animal free	No
由来	Recombinant
生物種	Human
配列	MLPGVGLTPS AAQTARQHPK MHLAHSTLKP AAHLIGDPSK QNSLLWRANT DRAFL QDGFSLSNNSLLVPT SGIYFVYSQV VFSGKAYSPK ATSSPLYLAH E VQLFSSQYP FHVPLLSSQKMVYPGLQEPW LHSMYHGAAF QLTQGDQL ST HTDGIPHLVL SPSTVFFGAF AL
予測される分子量	19 kDa
製品の詳細	Recombinant human TNF beta protein

特性

Our **Abpromise guarantee** covers the use of **ab639** 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	SDS-PAGE Functional Studies
製品の状態	Lyophilized
備考	The ED50, determined by the cytolysis of murine L929 cells in the presence of actinomycin D, is < 0.05 ng/ml, corresponding to a specific activity of > 2 x 10 ⁷ units/mg. This product was previously labelled as TNF beta

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 (up to 6 months). Store at -20°C.

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

再構成

Reconstitute with 20µl pure water.

関連情報

機能

Cytokine that in its homotrimeric form binds to TNFRSF1A/TNFR1, TNFRSF1B/TNFR and TNFRSF14/HVEM. In its heterotrimeric form with LTB binds to TNFRSF3/LTBR. Lymphotoxin is produced by lymphocytes and cytotoxic for a wide range of tumor cells in vitro and in vivo.

関連疾患

Genetic variations in LTA are a cause of susceptibility psoriatic arthritis (PSORAS) [MIM:607507]. PSORAS is an inflammatory, seronegative arthritis associated with psoriasis. It is a heterogeneous disorder ranging from a mild, non-destructive disease to a severe, progressive, erosive arthropathy. Five types of psoriatic arthritis have been defined: asymmetrical oligoarthritis characterized by primary involvement of the small joints of the fingers or toes; asymmetrical arthritis which involves the joints of the extremities; symmetrical polyarthritis characterized by a rheumatoidlike pattern that can involve hands, wrists, ankles, and feet; arthritis mutilans, which is a rare but deforming and destructive condition; arthritis of the sacroiliac joints and spine (psoriatic spondylitis).

配列類似性

Belongs to the tumor necrosis factor family.

細胞内局在

Secreted. Membrane. The homotrimer is secreted. The heterotrimer is membrane-associated.

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

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- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
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- We investigate all quality concerns to ensure our products perform to the highest standards

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