

Product datasheet

Recombinant Mouse LTA protein (Tagged) ab269056

1 Image

Description

Product name	Recombinant Mouse LTA protein (Tagged)
Purity	> 90 % SDS-PAGE. Affinity purified.
Endotoxin level	< 0.100 Eu/μg
Expression system	Baculovirus infected Sf9 cells
Accession	<u>P09225</u>
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Mouse
Sequence	LSGVRFSAARTAHPLPQKHLTHGILKPA AHLVGYP SKQNS LLWRASTDRA FLRHGFSLSNNSLLIPTSGLYFVYSQVVFSGESCS PRAIPT PYLAHEVQ LFSSQYPFHVPLLSAQKSVYPGLQGPWVRSMYQGAVFLL SKGDQLSTHTD GISHLHFSPSSVFFGAFAL
Molecular weight information	43 kDa by SDS-PAGE
Amino acids	34 to 202
Tags	GST tag N-Terminus
Description	Recombinant Mouse TNF beta protein (Tagged)

Specifications

Our **Abpromise guarantee** covers the use of **ab269056** in the following tested applications.

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

Applications SDS-PAGE

Form Liquid

Preparation and Storage

Stability and Storage Shipped on Dry Ice. Upon delivery aliquot. Store at -80°C. Avoid freeze / thaw cycle.

pH: 7.50

Constituents: 0.79% Tris HCl, 0.87% Sodium chloride, 0.31% Glutathione, 0.003% EDTA, 0.004% DTT, 0.002% PMSF, 25% Glycerol (glycerin, glycerine)

General Info

Function

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.

Involvement in disease

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).

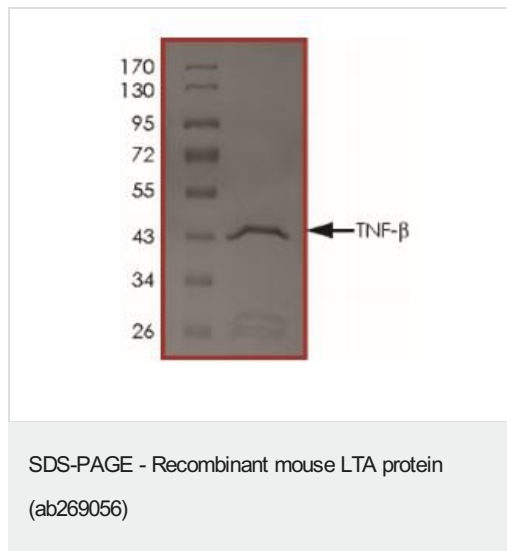
Sequence similarities

Belongs to the tumor necrosis factor family.

Cellular localization

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

Images



SDS-PAGE analysis of ab269056.

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