

Product datasheet

Recombinant Mouse LTA protein (His tag) ab235554

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Description

Product name	Recombinant Mouse LTA protein (His tag)
Purity	> 85 % SDS-PAGE.
Expression system	Escherichia coli
Accession	<u>P09225</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Mouse
Sequence	LSGVRFSAARTAHPLPQKHLTHGILKPAHLVGYPQSKQNS LLWRASTDRA FLRHGFSLSNNSLLIPTSGLYFVYSQVVFSGESCPRAIPT PYLAHEVQ LFSSQYPFHVPLLSAQKSVYPGLQGPWVRSMYQGAVFLL SKGDQLSTHTD GISHLHFSPSSVFFGAFAL
Predicted molecular weight	24 kDa including tags
Amino acids	34 to 202
Tags	His tag N-Terminus
Additional sequence information	This product is the mature full length protein from aa 34 to 202. The signal peptide is not included. N-terminal 10xHis-tag and C-terminal Myc-tag.
Description	Recombinant Mouse TNF beta protein (His tag)

Specifications

Our **Abpromise guarantee** covers the use of **ab235554** in the following tested applications.

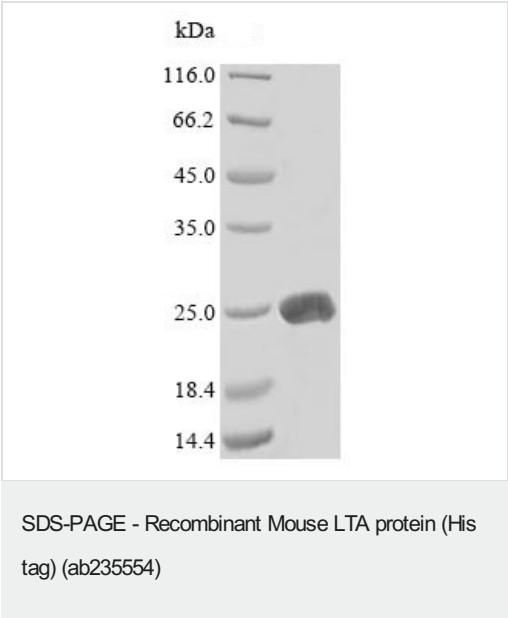
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE
Form	Liquid
Additional notes	This product was previously labelled as TNF beta

Preparation and Storage

Stability and Storage	Shipped at 4°C. Store at -20°C or -80°C. Avoid freeze / thaw cycle. pH: 7.2 Constituents: Tris buffer, 50% 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



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) analysis with 5% enrichment gel and 15% separation gel of ab235554.

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

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