

Product datasheet

Recombinant Mycobacterium tuberculosis Ag85 protein (His tag) ab225596

3 Images

Description

Product name	Recombinant Mycobacterium tuberculosis Ag85 protein (His tag)		
Purity	> 90 % SDS-PAGE.		
Expression system	Escherichia coli		
Accession	<u>P9WQN9</u>		
Protein length	Full length protein		
Animal free	No		
Nature	Recombinant		
Species	Mycobacterium tuberculosis		
Sequence	AFSRPGLPVEYLQVPSASMGRDIKVQFQGGGPHAVYLLD GLRAQDDYNGW DINTPAFEEYYQGLSVIMPVGGQSSFYTDWYQPSQSNQG NYTYKWETFL TREMPAWLQANKGVSP TGNAAVGLSMSGGSALILAAYP QQFPYAASLSG FLNPSEGWWPTLIGLAMNDSGGYNANSMWGPSSDPAW KRNDPMVQIPRLV ANNTRIWWYCGNGTPSDLGGDNIPAKFLEGLTLRTNQTFR DTYAADGGRN GVFNFPNGTHSWPYWNEQLVAMKADIQHVLNGATPPAA PAAPAA		
Predicted molecular weight	36 kDa including tags		
Amino acids	46 to 340		
Tags	His tag N-Terminus		
Additional sequence information	This product is the mature full length protein from aa 46 to 340. The signal peptide is not included. Mycobacterium tuberculosis (strain CDC 1551 / Oshkosh)		
Description	Recombinant Mycobacterium tuberculosis Mycobacterium tuberculosis Ag85 protein (His tag)		

Specifications

Our **Abpromise guarantee** covers the use of **ab225596** 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
	Mass Spectrometry
Mass spectrometry	LC-MS/MS
Form	Liquid

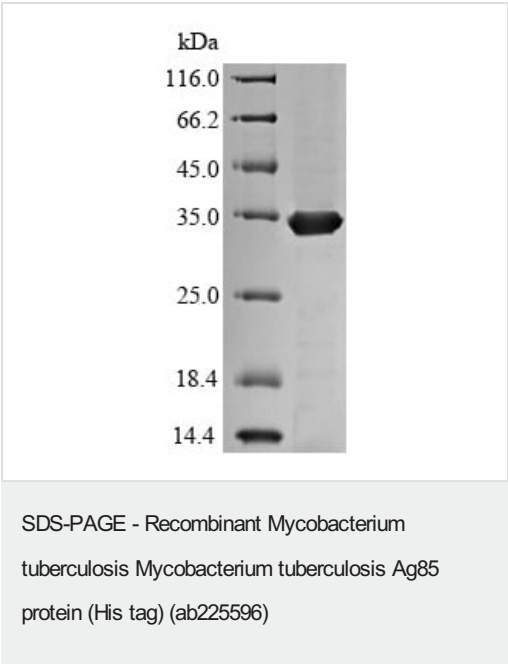
Preparation and Storage

Stability and Storage	Shipped at 4°C. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
	pH: 7.20
	Constituents: 50% Glycerol (glycerin, glycerine), Tris buffer

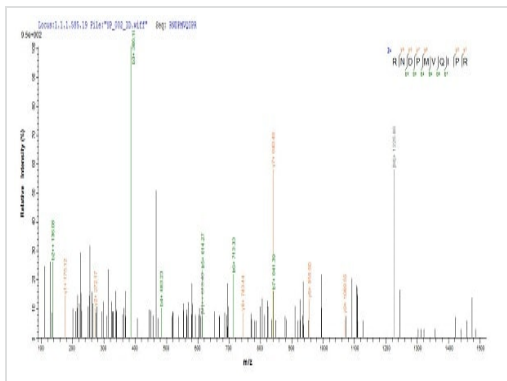
General Info

Relevance	Mycobacterium tuberculosis antigen 85 is a complex of three related gene products of 30-31 kDa, Ag85A, B and C. All three proteins show fibronectin binding properties and act as mycolyltransferases involved in the final stages of mycobacterial cell wall assembly.
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Images

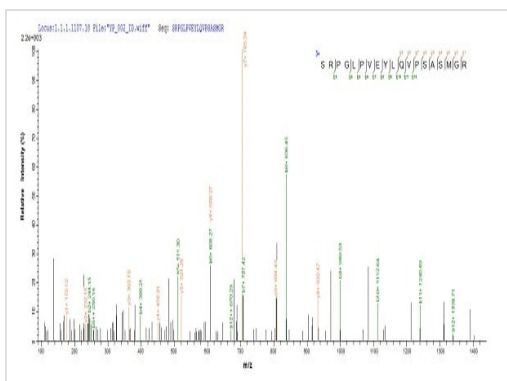


(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) analysis of ab225596 with 5% enrichment gel and 15% separation gel.



Mass Spectrometry - Recombinant Mycobacterium tuberculosis Mycobacterium tuberculosis Ag85 protein (His tag) (ab225596)

Based on the SEQUEST from database of E.coli host and target protein, the LC-MS/MS Analysis result of ab225596 could indicate that this peptide derived from E.coli-expressed Mycobacterium tuberculosis (strain CDC 1551 / Oshkosh) Ag85.



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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
- Extensive multi-media technical resources to help you

- We investigate all quality concerns to ensure our products perform to the highest standards

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