

Product datasheet

# Recombinant Mycobacterium tuberculosis Ag85 protein (His tag) ab236183

1 Image

Description

<b>Product name</b>	Recombinant Mycobacterium tuberculosis Ag85 protein (His tag)	
<b>Purity</b>	> 85 % SDS-PAGE.	
<b>Expression system</b>	Escherichia coli	
<b>Accession</b>	<a href="#">P9WQP0</a>	
<b>Protein length</b>	Full length protein	
<b>Animal free</b>	No	
<b>Nature</b>	Recombinant	
<b>Species</b>	Mycobacterium tuberculosis	
<b>Sequence</b>	<pre>FSRPGLPVEYLQVPSMGRDIKVQFQSGGNNSPAVYLL DGLRAQDDYNG WDINTPAFEWYYQSGLSIVMPVGGQSSFYSDWYSPACGK AGCQTYKWETF LTSELPQWLSANRAVKPTGSAAIGLSMAGSSAMILAAYHP QQFIYAGSLS ALLDPSQGMGPSLIGLAMGDAGGYKAADMWGPSSDPA WERNDPTQQIPKL VANNTLWVYCGNGTPNELGGANIPAEFLENFVRSSNLKF QDAYNAAGGH NAVFNFPPNGTHSWEYWGAQLNAMKGDQLQSSLGAG</pre>	
<b>Predicted molecular weight</b>	36 kDa including tags	
<b>Amino acids</b>	41 to 325	
<b>Tags</b>	His tag N-Terminus	
<b>Additional sequence information</b>	Strain CDC 1551 / Oshkosh. This product is the mature full length protein from aa 41 to 325. The signal peptide is not included.	
<b>Description</b>	Recombinant Mycobacterium tuberculosis Mycobacterium tuberculosis Ag85 protein (His tag)	

Specifications

Our [Abpromise guarantee](#) covers the use of **ab236183** 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

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**Stability and Storage** Shipped at 4°C. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

Constituents: Tris buffer, 50% Glycerol (glycerin, glycerine)

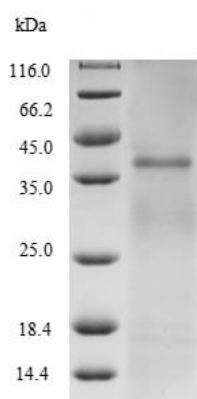
### General Info

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**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.

### Images

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) analysis with 5% enrichment gel and 15% separation gel of ab236183.

SDS-PAGE - Recombinant Mycobacterium tuberculosis Ag85 protein (His tag) (ab236183)

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

### Our Abpromise to you: Quality guaranteed and expert technical support

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- 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

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

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