

Product datasheet

Recombinant Mycobacterium tuberculosis Ag85B protein ab83471

Description

Product name	Recombinant Mycobacterium tuberculosis Ag85B protein
Purity	> 90 % SDS-PAGE. Endotoxin Tested
Expression system	Escherichia coli
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Sequence	<p>MTDVSRKIRA WGRRLMIGTA AAVVLPGLVG LAGGAATAGA FSRPGLPVEY LQVPSPSMGR DIKVQFQSGG NNSPAVYLLD GLRAQDDYNG WDINTPAFEW YYQSGLSMM PVGGQSSFYS DWYSPACGKA GCQTYKWETF LTSELPQWLS ANRAVKPTGS AAIGLSMAGS SAMILAAHP QQFIYAGSL ALLDPSQGMG PSLIGLAMGD AGGYKAADMW GPSSDPAWER NDPTQQIPKL VANNTLWVY CGNGTPNELG GANIPAEFLE NFVRSSNLKF QDAYNAAGGH NAVFNFPNG THSWEYWGAQ LNAMKGDLS SLGAG</p>
Predicted molecular weight	30 kDa
Tags	His tag N-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab83471** 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	Lyophilized

Preparation and Storage

Stability and Storage	Shipped on Dry Ice. Store at -80°C.
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pH: 7.50

Constituents: 0.24% Monobasic dihydrogen sodium phosphate, 0.284% Dibasic monohydrogen sodium phosphate, 0.328% Sodium phosphate, 10% Glycerol, 2.9% Sodium chloride

Reconstitution

ab83471 should be reconstituted in aprotogenic water or PBS and has to be used immediately

General Info

Relevance

Antigen 85B is the most abundant protein expressed by *Mycobacterium tuberculosis* (about one quarter). It is a mycolyl transferase in the myc pathway and catalyses - like Ag85A and Ag85C - the transfer of the fatty acid mycolate from one trehalose monomycolate to another, resulting in trehalose dimycolate and free trehalose and helping build the cell wall.

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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