

Product datasheet

Recombinant Mycobacterium tuberculosis TB Ag85A protein  
ab124604

1 References 1 图像

概述

产品名称 重组Mycobacterium tuberculosis TB Ag85A蛋白  
 蛋白长度 Full length protein

描述

性质 Recombinant  
 来源 Baculovirus infected BTI-TN-5B1-4 cells

氨基酸序列

Accession [P0A4V2](#)  
 种属 Mycobacterium tuberculosis  
 序列 **ADPAFSRPGL PVEYLQVPSP SMGRDIKVQF  
 QSGGANSPAL YLLDGLRAQD DFSGWDINTP  
 AFEWYDQSGL SVVMPVGGQS SFYSDWYQPA  
 CGKAGCQTYK WETFLTSELP GWLQANRHVK  
 PTGSVVGLS MAASSALTLA IYHPQQFVYA  
 GAMSGLLDPS QAMGPTLIGL AMGDAGGYKA  
 SDMWGPKEDP AWQRNDPLLN VGKLIANTR  
 VWVYCGNGKP SDLGGNNLPA KFLEGFVRTS  
 NIKFQDAYNA GGGHNGVDFD PDSGTHSWEY  
 WGAQLNAMKP DLQRALGATP NTGPAPQGAHHHHHH**

分子量 33 kDa including tags  
 氨基酸 43 to 338  
 标签 His tag C-Terminus

技术指标

Our [Abpromise guarantee](#) covers the use of **ab124604** in the following tested applications.

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

应用 SDS-PAGE  
 内毒素水平 < 1.000 Eu/μg

**纯度** > 95 % SDS-PAGE.  
ab124604 is purified by using conventional chromatography techniques.

**形式** Liquid

#### 制备和贮存

**稳定性和存储** Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

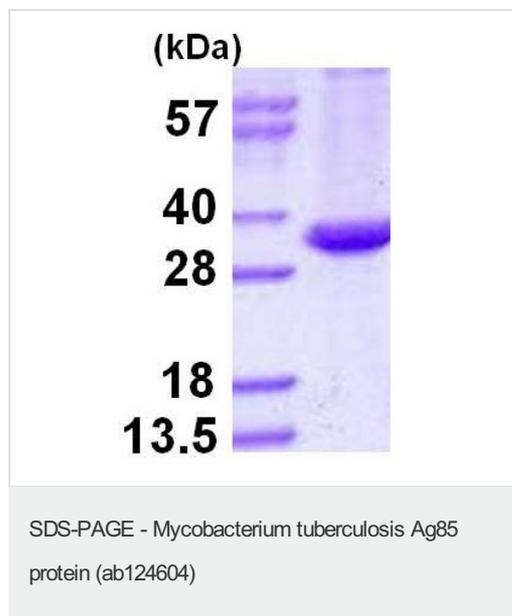
pH: 8.00  
Constituents: 0.32% Tris HCl, 10% Glycerol

#### 常规信息

**相关性** Mycobacterium tuberculosis antigen 85 is a complex of three related gene products of 30-31 kDa, Ag85A, B and C. These proteins are responsible for the high affinity of mycobacteria to fibronectin. All three proteins possesses a mycolyltransferase activity - which is required for the biogenesis of trehalose dimycolate (cord factor), a dominant structure necessary for maintaining cell wall integrity. Thus all three proteins are involved in the final stages of mycobacterial cell wall assembly.

**细胞定位** Secreted; cell wall. Cytoplasm

#### 图片



15% SDS-PAGE showing ab124604 (3 µg).

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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