

Product datasheet

Recombinant Mycobacterium tuberculosis ESAT6 protein ab124574

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Description

Product name	Recombinant Mycobacterium tuberculosis ESAT6 protein	
Purity	> 90 % SDS-PAGE. Affinity purified	
Endotoxin level	< 1.000 Eu/μg	
Expression system	Baculovirus infected insect cells	
Accession	<u>P0A564</u>	
Protein length	Full length protein	
Animal free	No	
Nature	Recombinant	
Species	Mycobacterium tuberculosis	
Sequence	ADPMTEQQWN FAGIEAAASA IQGNVTSIHS LLDEGKQSLT KLA AA WGGSG SEAYQGVQQK WDATATELNN ALQNLARTIS EAGQAMASTE GNVTGMFAHH HHHH	
Predicted molecular weight	11 kDa including tags	
Amino acids	1 to 95	
Tags	His tag C-Terminus	

Specifications

Our **Abpromise guarantee** covers the use of **ab124574** 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

Stability and Storage Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

pH: 8.00

Constituents: 0.32% Tris HCl, 10% Glycerol (glycerin, glycerine)

General Info

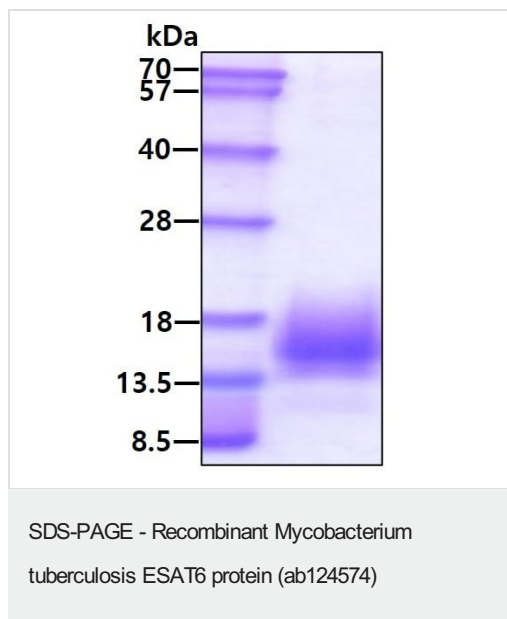
Relevance

The ESAT6 antigen from *Mycobacterium tuberculosis* is a dominant target for cell mediated immunity in the early phase of tuberculosis (TB) in TB patients as well as in various animal models. ESAT6 is not found in *M. bovis* BCG. Its function is not known but it elicits high level of IFN-gamma from memory effector cells during the first phase of a protective immune response.

Cellular localization

Secreted

Images



SDS-PAGE analysis of ab124574 (3 µg) under reducing condition and visualized by coomassie blue stain.

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

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