Recombinant Mycobacterium tuberculosis ESAT6 protein ab124574

Specifications

Product name: Recombinant Mycobacterium tuberculosis ESAT6 protein
Purity: > 90% SDS-PAGE, Affinity purified
Endotoxin level: < 1.000 Eu/µg
Expression system: Baculovirus
Accession: P0A564
Protein length: Full length protein
Animal free: No
Nature: Recombinant
Species: Mycobacterium tuberculosis
Sequence:

ADPMTEQQWN FAGIEAAASA IQGNVTSIHS
LLDEGKQSLT KLAAAWGGSG SEAYQGVQQK
WDATATELNN ALQNLARTIS EAGQAMASTE
GNVTGMFAHH HHHH

Predicted molecular weight: 11 kDa including tags
Amino acids: 1 to 95
Tags: His tag C-Terminus

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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