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Recombinant *Mycobacterium tuberculosis* Ag85B**REP0025 - REP0026****50µg - 100µg****Description**

The 30kD-secretory protein antigen 85B (Ag85B) is the most abundant protein exposed by *Mycobacterium tuberculosis* acting as a potent immunoprotective antigen. Ag85B induces a strong T-cell proliferation and the IFN- γ secretion in most healthy individuals exposed to *M. tuberculosis*, in BCG-vaccinated mice and humans. It has been shown that antibodies against Ag85B are more prevalent in active tuberculosis patients with decreased cellular immune response.

Product type

Recombinant protein

Peptide

Mycobacterium tuberculosis Ag85B amino acid sequences - Accession Number: **P9WQP0.1**

Expression system

Escherichia coli

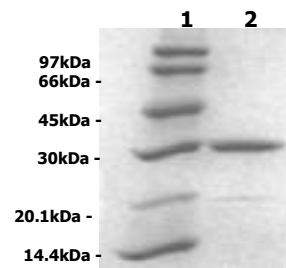
Tested by

SDS-PAGE, Endotoxin assay

Purity

>90% pure estimated by SDS-PAGE (EU Ph. 5.0 § 2.5.31).

Purified recombinant antigen 85B protein (lane 1, molecular weight standard; lane 2, 5µg) was separated by SDS-PAGE (12% polyacrylamide) and stained with Coomassie Blue.

**Form**

Lyophilized. The protein should be reconstituted in aprotogenic sterile water or 1X PBS.

Storage buffer

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Storage instructions

Shipped at room temperature. The lyophilized protein is stable for 24 months if stored at -20°C. The reconstituted solution must be used immediately.