

Mycobacterium tuberculosis major secretory 85B - Purified

Catalog No.: AR10502PU-N

Quantity: 10 µg

Background: Antigen 85B Mycobacterium Tuberculosis is the most abundant protein exposed by M. Tuberculosis, as well as a potent immunoprotective antigen and a leading drug target. Ag85 induces strong T-cell proliferation and IFN-g secretion in most healthy individuals exposed to M. tuberculosis, in BCG-vaccinated mice and humans, whereas the antibody against Ag85 are more prevalent in active tuberculosis patients with decreased cellular immune response.

Uniprot ID: [P0C5B9](#)

NCBI: [NP_216402.1](#)

GeneID: [885785](#)

Source: E. coli

Format: **State:** Sterile Filtered lyophilized powder without additives
Purity: >90.0% as determined by both RP-HPLC and SDS-PAGE analysis
Reconstitution: Restore in sterile 18MΩ·cm⁻¹ H₂O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

Description: Recombinant Mycobacterium tuberculosis major secretory 85B *His-Tag* fusion protein produced in *E.coli* is a single, non-glycosylated polypeptide.
Molecular weight: 30 kDa

Storage: Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer.
For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).
Avoid repeated freezing and thawing.
Shelf life: one year from despatch.