

Recombinant Mycobacterium Tuberculosis FbpB

Cat. No. FBPB-1864M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mycobacterium Tuberculosis fbpB was expressed in <i>E. Coli</i> .
Species	Mycobacterium Tuberculosis
Source	E.coli
Description	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.
Solubility	It is recommended to reconstitute the lyophilized Antigen-85B in sterile 18MΩ-cm H ₂ O not less than 100g/ml, which can then be further diluted to other aqueous solutions.
Physical Appearance	Sterile Filtered lyophilized powder.
Purity	Greater than 90.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.
Formulation	The protein was lyophilized with no additives.
Stability	Ag85B although stable room temperature for 4 weeks, should be stored desiccated

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below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

GENE INFORMATION

Gene Name

fbpB secreted antigen 85-B fbpB (85B) (antigen 85 complex B) (Mycolyl transferase 85B) (fibronectin-binding protein B) (extracellular alpha-antigen) [*Mycobacterium tuberculosis* H37Rv]

Synonyms

secreted antigen 85-B fbpB (85B) (antigen 85 complex B) (Mycolyl transferase 85B) (fibronectin-binding protein B) (extracellular alpha-antigen); fbpB; secreted antigen 85-B fbpB (85B) (antigen 85 complex B) (Mycolyl transferase 85B) (fibronectin-binding protein B) (extracellular alpha-antigen)

Gene ID

885785

Protein Refseq

NP_216402.1

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