

Recombinant Mycobacterium Tuberculosis major secretory protein Antigen 85B

Cat. No. CDA067P Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Ag85B His-Tag fusion protein produced in E.Coli is a single, non-glycosylated polypeptide chain having a molecular mass of 30 kDa.
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.
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.
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.

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Storage

Ag85B although stable room temperature for 4 weeks, should be stored desiccated 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**Synonyms**

Antigen 85B; Mycobacterium Tuberculosis major secretory protein Antigen 85B.

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