

Mycobacterium Tuberculosis major secretory protein Antigen 85B Re-

Item Number	rAP-3659
Synonyms	Antigen 85-B, 85B, Extracellular alpha-antigen, Antigen 85 complex B, Ag85B, Mycolyl transferase 85B, EC 2.3.1.-, Fibronectin-binding protein B, 30 kDa extracellular protein, fbpB, A85B, Major Secretory Protein Antigen 85B.
Description	Ag85B Recombinant His-Tag fusion protein produced in E.Coli is a single, non-glycosylated polypeptide chain having a molecular mass of 30kDa.
Uniprot Accesion Number	P0C5B9
Amino Acid Sequence	MRGSHHHHHFSRPGLPVEYLQVPSPSMGRDIKVQFQSGGNNSPAVYLLDGLRAQD-DYNGWDINTPAFEWYYQSGLSIVMPVGGQSSFYSDWYSPACGKAGCQTYKWETFLTSELPQWLSANRAV KPTGSAAILGSMAGSSAMILAAYHPQQFIYAGSLSALLDPSQGMGPSLIGLAMGDAGGYKAADMWGPSSD PAWERNDPTQQIPKLVANNTRLWVYCGNGTPNELGGANIPAEFLENFVRSSNLKFQDAYNAAGGHNAVFN FPPNGTHSWEYWGAQLNAMKGDQLQSSLGAG.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered and lyophilized, though might appear as a solution as a result of the glycerol content. 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.
Formulation and Purity	Lyophilized with 0.1% glycerol. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	It is recommended to reconstitute the lyophilized Antigen-85B in sterile 18MΩ-cm H2O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**