

## Recombinant M.tuberculosis fbpB protein

Catalog Number: bs-41043P

AA Seq: 1-325/325

Predicted MW: 34

Detected MW: 34 kDa

Tags: Tag free

Activity: Not tested

Endotoxin: Not analyzed

Purity: >95% as determined by SDS-PAGE

Purification: AC

Form: Lyophilized or Liquid

Storage: 10mM TBS (pH7.4).

Stored at -70°C or -20°C. Avoid repeated freeze/thaw cycles.

**Background:** Antigen 85B is the most abundant protein expressed by Mycobacterium tuberculosis (about one quarter). It is a mycolyl transferase in the myc pathway and catalyses - like Ag85A and Ag85C - the transfer of the fatty acid mycolate from one trehalose monomycolate to another, resulting in trehalose dimycolate and free trehalose and helping build the cell wall.

### VALIDATION IMAGES



The purity of the protein is greater than 90% as determined by reducing SDS-PAGE.

### PRODUCT SPECIFIC PUBLICATIONS

**[IF=2]** YONGFENG CHENG. et al. Mycobacterial antigen Ag85B restrains Hodgkin lymphoma tumor growth by inhibiting autophagy. ONCOL RES. 2025 Apr;33(5):1173 WB ; Human . 40296899