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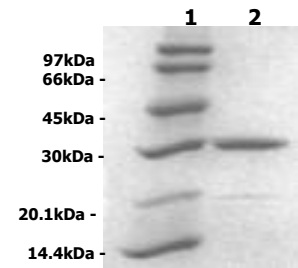


Recombinant *Mycobacterium tuberculosis* Ag85B

REP0025 - REP0026 50µg - 100µg

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| Description | The 30kD-secretory protein antigen 85B (Ag85B) is the most abundant protein exposed by <i>Mycobacterium tuberculosis</i> acting as a potent immunoprotective antigen. Ag85B induces a strong T-cell proliferation and the IFN- γ secretion in most healthy individuals exposed to <i>M. tuberculosis</i> , in BCG-vaccinated mice and humans. It has been shown that antibodies against Ag85B are more prevalent in active tuberculosis patients with decreased cellular immune response. |
| Product type | Recombinant protein |
| Peptide | <i>Mycobacterium tuberculosis</i> Ag85B amino acid sequences - Accession Number: P9WQP0.1 |
| Expression system | <i>Escherichia coli</i> |
| Tested by | SDS-PAGE, Endotoxin assay |
| Purity | >90% pure estimated by SDS-PAGE (EU Ph. 5.0 § 2.5.31). |

Purified recombinant antigen 85B protein (lane 1, molecular weight standard; lane 2, 5µg) was separated by SDS-PAGE (12% polyacrylamide) and stained with Coomassie Blue.



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| Form | Lyophilized. The protein should be reconstituted in aprotogenic sterile water or 1X PBS. |
| Storage buffer | - |
| Storage instructions | Shipped at room temperature. The lyophilized protein is stable for 24 months if stored at -20°C. The reconstituted solution must be used immediately. |