

Antigen TB22.2 (M. Tuberculosis/H37Rv)



Product Name	Antigen TB22.2 (M. Tuberculosis/H37Rv)
Catalog No	IT-500-016Ep
Source	Recombinant protein purified from E.coli
Formulation	Each vial contains 100 µg of lyophilized protein in PBS with 8M Urea. Reconstitute the protein with 100 µl of Millipore water.
Protein	N-terminal GST fusion protein with C-terminal 6xHis tagged antigen TB22.2(Rv3036c) (M. Tuberculosis/H37Rv)(a.a.1-231) (Genbank Accession No. NP_217552). Conserved secreted protein, with putative N-terminal signal peptide, highly similar to secreted immunogenic protein MPT64/MPB64 P19996 Rv1980c MTCY39.39 from Mycobacterium tuberculosis and Mycobacterium bovis (228 aa), FASTA scores: opt: 681, E(): 2.5e-35, (45.8% identity in 227 aa overlap). Predicted to be an outer membrane protein.
Applications	WB standard, antibody ELISA, immunogen, etc.
Purity	>95% , based on SDS PAGE
Storage	Before reconstitution, stable for 1 year at -20°C from the date of shipment. After reconstitution, stable for a month at 4°C. Non-hazardous. No MSDS required.
Use Limitation	For research use only, not for use in diagnostic procedures.



E: antigen TB22.2(Rv3036c)