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.

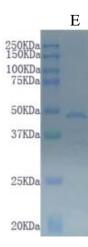
Purity >95%, based on SDS PAGE

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)