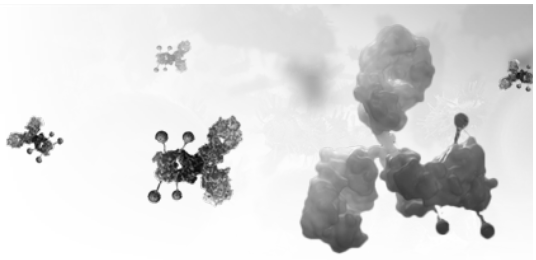

Recombinant M. Tuberculosis MPT53 Antigen [His] (DAGA-171)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	N-terminal GST fusion protein with C-terminal 6xHis tagged MPT53 (M. Tuberculosis/CDC1551) antigen (a.a.1-177) (Genbank Accession No. NP_337457).
Antigen Description	Mycobacterium tuberculosis is an obligate pathogenic bacterial species in the family Mycobacteriaceae and the causative agent of tuberculosis First discovered in 1882 by Robert Koch, M. tuberculosis has an unusual, waxy coating on its cell surface (primarily due to the presence of mycolic acid), which makes the cells impervious to Gram staining; M. tuberculosis can appear Gram-negative and Gram-positive in clinical settings. The Ziehl-Neelsen stain, or acid-fast stain, is used instead. The physiology of M. tuberculosis is highly aerobic and requires high levels of oxygen. Primarily a pathogen of the mammalian respiratory system, it infects the lungs. The most frequently used diagnostic methods for tuberculosis are the tuberculin skin test, acid-fast stain, and chest radiographs. The M. tuberculosis genome was sequenced in 1998.
Purity	>95% , based on SDS PAGE
Conjugate	His
Reconstitution	Reconstitute the protein with 100 µl of Millipore water.
Format	Each vial contains 100 µg of lyophilized protein in PBS with 8M Urea.
Concentration	Batch dependent - please inquire should you have specific requirements.
Size	100 µg, 1 mg
Preservative	None

BACKGROUND

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Keywords	M. Tuberculosis 63 kDa protein;Mycobacterium tuberculosis 83 kDa protein;Mycobacterium tuberculosis;M. tuberculosis;MTB;TB antigen

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