

Recombinant *Mycobacterium tuberculosis* RVBD_3804c protein, His-tagged

SPECIFICATION

Cat.No.	RVBD-3804c-899M
Species	<i>Mycobacterium tuberculosis</i>
Product Name	Recombinant <i>Mycobacterium tuberculosis</i> RVBD_3804c protein, His-tagged
Product Overview	C-terminal 6xHis fusion protein of antigen 85-A (Rv3804c) (<i>M. Tuberculosis</i> /H37Rv)(a.a.1-342) (Genbank Accession No. NP_338463). Putative esterase.
Description	<p><i>Mycobacterium tuberculosis</i> is an obligate pathogenic bacterial species in the family Mycobacteriaceae and the causative agent of tuberculosis. First discovered in 1882 by Robert Koch, <i>M. tuberculosis</i> has an unusual, waxy coating on its cell surface primarily due to the presence of mycolic acid. This coating makes the cells impervious to Gram staining, and as a result, <i>M. tuberculosis</i> can appear either Gram-negative or Gram-positive. Acid-fast stains such as Ziehl-Neelsen, or fluorescent stains such as auramine are used instead to identify <i>M. tuberculosis</i> with a microscope. The physiology of <i>M. tuberculosis</i> 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, culture, and polymerase chain reaction.</p>
Source	<i>E. coli</i>
Tag	His
Form	Each vial contains 100 µg of lyophilized protein in PBS with 8M Urea. Reconstitute the protein with 100 µl of Millipore water.
Protein length	aa1-342
Purity	>95%, based on SDS PAGE
Applications	WB standard, antibody ELISA, immunogen, etc.
Storage	Before reconstitution, stable for 1 year at -20°C from the date of shipment. After reconstitution, stable for a month at 4°C. Nonhazardous. No MSDS required.

Recombinant *Mycobacterium tuberculosis* RVBD_3804c protein, His-tagged

Gene Name	RVBD_3804c secreted antigen 85-A FbpA [<i>Mycobacterium tuberculosis</i> H37Rv]
Official Symbol	RVBD_3804c
Synonyms	RVBD_3804c; 85-A; secreted antigen 85-A FbpA
Gene ID	13317428
Protein Refseq	YP_006517301.1