Recombinant Mycobacterium tuberculosis RVBD_3804c protein, His-tagged

Cat. No. RVBD-3804c-899M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	C-terminal 6xHis fusion protein of antigen 85-A (Rv3804c) (M. Tuberculosis/H37Rv)(a.a.1-342) (Genbank Accession No. NP_338463). Putative esterase.
Species	Mycobacterium tuberculosis
Source	E.coli
ProteinLength	aa1-342
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. This coating makes the cells impervious to Gram staining, and as a result, M. tuberculosis 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 M. tuberculosis with a microscope. 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, culture, and polymerase chain reaction.
Form	Each vial contains 100 μg of lyophilized protein in PBS with 8M Urea. Reconstitute the

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	protein with 100 μof Millipore water.
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.

GENE INFORMATION

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

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