

Recombinant Mycobacterium tuberculosis Rv0024 protein, His-tagged

Cat. No. Rv0024-908M Lot. No. (See product label)

SPECIFICATION

Product Overview	C-terminal 6xHis tagged p60-related antigen (Rv0024) (M. Tuberculosis/H37Rv)(a.a.1-281) (Genbank Accession No. NP_214538).
Species	Mycobacterium tuberculosis
Source	E.coli
ProteinLength	aa1-281
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 protein with 101 µl of Millipore water.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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	Rv0024 NLP/P60 family protein [<i>Mycobacterium tuberculosis</i> H37Rv]
Official Symbol	Rv0024
Synonyms	Rv0024; NLP/P60 family protein
Gene ID	887061
Protein Refseq	NP_214538.1
UniProt ID	P71594

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA