



Recombinant M. Tuberculosis 15.3KD Protein (DAGA-169)

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

PRODUCT INFORMATION

Antigen Description Mycobacterium tuberculosis (Mtb) Rv0403c is one protein for classical secretion pathway by its specific hyperimmune sera at ~15.74 kDa, which is close to this protein's theoretical molecular weight of 15.3 kDa. It contains two transmembrane helices, the first of which is located between amino acids 7 and 29 and overlaps with the signal sequence between amino acids 1 and 33.

Species	M. Tuberculosis
Purity	95% by SDS-PAGE
Conjugate	Unconjugated
Molecular Weight	15.3 KDa
Format	Liquid
Concentration	Batch dependent - please inquire should you have specific requirements.
Size	1 mg
Buffer	50mM Tris, 0.1% SDS, pH 8.3
Preservative	None
Storage	Short term: 2-8°C; Long term: -20°C

BACKGROUND

Introduction Mycobacterium tuberculosis is a species of pathogenic bacteria 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.

Keywords

M. Tuberculosis 15.3KD Protein; M. Tuberculosis 15.3KD; M. Tuberculosis; Mycobacterium tuberculosis
