



# Recombinant M. Tuberculosis ESAT-6 Antigen [His, GST] (DAGA-187)

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

## PRODUCT INFORMATION

Purity	≥ 95% as determined by SDS-PAGE
Conjugate	His, GST
Applications	ELISA, WB
Molecular Weight	36 kDa
Format	Liquid or Lyophilized powder
Size	100 µg, 1 mg
Buffer	PBS with 8M Urea
Preservative	None
Storage	Store at -20°C

## BACKGROUND

Introduction	Mycobacterium tuberculosis (M. tb) 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 weakly Gram-positive.
Keywords	Mycobacterium tuberculosis; Mtb; M. tb; ESAT6

## GENE INFORMATION

