

Recombinant MTB PepA Protein

MTB PepA, also known as Mtb32a belongs to the serine protease family of proteins. It is conserved across *M. tuberculosis*, *M. leprae*, *M. bovis* and *M. avium paratuberculosis*. It was identified in culture supernatant of MTB H37Rv strain and is predicted to be essential for in vivo survival and pathogenicity in Mycobacterium. This can serve as a candidate target for TB therapies.

Product Details

Catalog no.	RMTB001
Molecular weight	29kDa
Uniprot ID	O07175
Amino acid sequence	M1-P355
Host	E.coli
Formulation	50mM Tris pH 8.0 + 300mM NaCl + 1% Glycerol
Conjugate/ Tag	C-terminus 6 × His tag
Purity	> 95% Purity, purified by Ni NTA and determined by SDS-PAGE
Form	Liquid/ Lyophilized
Storage	Store at -20°C and avoid freeze thaw. Stable for 12 months from the date of receipt if kept at recommended temperature
Application	Tuberculosis research
Suggested working dilution	The optimal concentration should be determined for each specific application

SDS PAGE Gel image of MTB PepA protein

