

Recombinant MTB PepQ Protein

MTB PepQ is a probable cytoplasmic peptidase which is conserved across *M. tuberculosis*, *M. leprae*, *M. bovis* and *M. avium paratuberculosis*. It was identified by mass spectrometry in Triton X114 extracts of *M. tuberculosis* H37Rv and is predicted to be essential for in vivo survival and pathogenicity in Mycobacterium, making it a candidate target for TB therapies.

Product Details

Catalog no.	RMTB002
Molecular weight	38.7kDa
Uniprot ID	A0A045I6D8
Amino acid sequence	S4-L372
Host	E.coli
Formulation	50mM Tris pH 8.0 + 300mM NaCl + 1% Glycerol
Conjugate/ Tag	C-terminus 6 × His tag
Purity	> 90% 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 PepQ protein

