



Recombinant MPB70 Protein

MPB70 is a major antigen expressed by Mycobacterium bovis & considerably less abundantly expressed in M. tuberculosis. MPB70 is encoded as precursor proteins with typical signal peptides for export through the general secretory pathway.

The recombinant MPB70 is expressed in E.coli and can be used by bovine tuberculosis research.

Product Details

Catalog no.	RMPB001
Molecular weight	42kDa
Amino acid sequence	MGSSHHHHHHSSGINVQAKPAAAASLAAIAIAFLAGCSSTKPVSQDTSPKPATSPAAPVTTAAMADPAADL IGRGCAQYAAQNPTGPGSVAGMAQDPVATAASNNPMLSTLTSALSGKLNPDVNLVDTLNGGEYTVFAPT NAAFDKLPAATIDQLKTDKLLSSILTYHVIAGQASPRIDGTHQTLQGADLTVIGARDDL MVN NAGLVCGG VHTANATVYMIDTVLMPPAQGGSGGMKVKNTIAATSFAAAGLAALAVAVSPPAAAGDLVGP GCAEYAAA NPTGPASVQGM SQDPVAVAASNNPELTTLAALSGQLNPQVNLVDTLNSGQYTVFAPTNAAFSKLPASTID ELKTNSSLLTSILTYHV VAGQTSPANVVGTRQTLQGASVTVTGQGNLKVGNADV VCGGVSTANATVYMID SVLMPPAGLE
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 MPB70 protein

