

Recombinant MTB DapE Protein

DapE also known as succinyl-diaminopimelate desuccinylase, is a 37 kDa membrane bound hydrolase enzyme which Catalyzes the hydrolysis of N-succinyl-L,L-diaminopimelic acid (SDAP), forming succinate and LL-2,6-diaminoheptanedioate (DAP), an intermediate involved in the bacterial biosynthesis of lysine and meso-diaminopimelic acid. It is conserved across *M. tuberculosis*, *M. orygis*, *M. mungi*, *M. africanum* and *M. bovis* strain of TB causing Mycobacterium.

Product Details

Catalog no.	RMTB003
Molecular weight	37.2kDa
Uniprot ID	P9WHS9
Amino acid sequence	R5-G353
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 DapE protein

