

Recombinant MTB DapE Protein

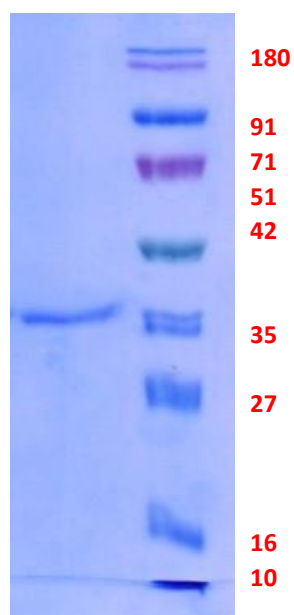
Background

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

Product Code	#RMTB003
Molecular weight	37.2Kda
Sequence	MASGRGDPIELTAALIDIPSESRKEARIADEVEAALRAQASGFEIIRNGNAVLARTK LNRSSRVLLAGHLDTVPVAGNLPSRRENDQLHGCGAADMKSGDAVFLHLAATLA EPTHDLTLVFYDCEEIDSAANGLGRIQRELPDWLSADVAILGEPTAGCIEAGCQGTL RVVLSVTGTRAHSARSWLGDNAIHKLGAVLDRLAVYRARSVDIDGCTYREGLSAV RVAGGVAGNVIPDAASVTINYRFAPDRSVAAALQHVHDVFDGLDVQIEQTDAA AGALPGLSEPAAKALVEAAGGQVRAKYGWTDVSRFAALGIPAVNYGPGDPNLAH CRDERVPVGNITAAVDLLRRYL
Host	E.coli
Purity/ Purification	>95 % pure on CBB
Form	Lyophilized powder. Dilute to 1 mg/mL in PBS
Purification Tag	C- terminus 6 X His tag
Applications	Tuberculosis research
Preparation and Storage	Store at -20 degree C, for extended storage
ISO Certification	Manufactured in an ISO 9001:20015 Certified Laboratory.

SDS-PAGE MTB DapE



SDS-PAGE gel showing a single DapE band at 37kDa after purification.

Protein Crystal Image



Ordering Information:
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