

Active Recombinant M. tuberculosis pepA Protein, His tagged

Cat. No. pepA-023M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant MTB pepA protein with C-terminus 6 His tag was produced from E. coli.
Species	M.tuberculosis
Source	E.coli
Description	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.
Form	Lyophilized powder. Dilute to 1 mg/mL in PBS
AASequence	MSNSRRRSLRWSWLLSVLAAVGLGLATAPAQAAPPALSQDRFADFPALPLDPSAMV AQVGPQVVNINTKLGYNNAVAGAGTGIVIDPNGVVLNNHVIAGATDINAFSVGSGQT YGVDVVG YDRTQDVAVLQLRGAGGLPSAAIGGGVAVGEPVAMGNSGGQGGTPR AVPGRVVALGQTVQASDSL TGAETLNGLIQFDAAIQPGDSGGPVVNLGQVVGMM TAASDNFQLSQGGQGFAIPIGQAMAIAGQIRSGGGSPTVHIGPTAFLGLGVVDNNGN GARVQRVVGSAAPASLGISTGDVITAVDGAPINSATAMADALNGHHPGDVISVTWQT KSGGTRTGNVTLAEGPPA
Purity	> 95 %, purified by Ni NTA and determined by SDS-PAGE.
Applications	Tuberculosis research

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage Store at -20 centigrade, for extended storage

Shipping Cold packs

GENE INFORMATION

Gene Name [pepA serine protease PepA \[Mycobacterium tuberculosis H37Rv \]](#)

Official Symbol [pepA](#)

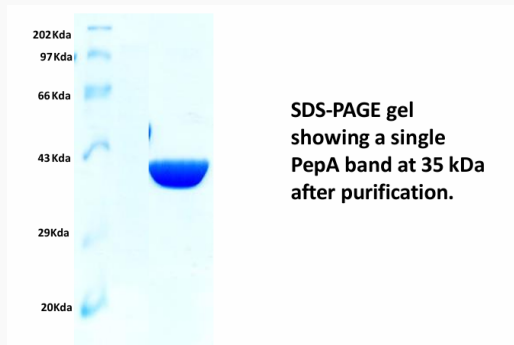
Synonyms pepA; serine protease PepA; mtb32a; serine protease PepA; Belongs to the serine protease family

Gene ID [886924](#)

Protein Refseq [NP_214639](#)

UniProt ID [A0A2I7W2M2](#)

SDS-PAGE



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