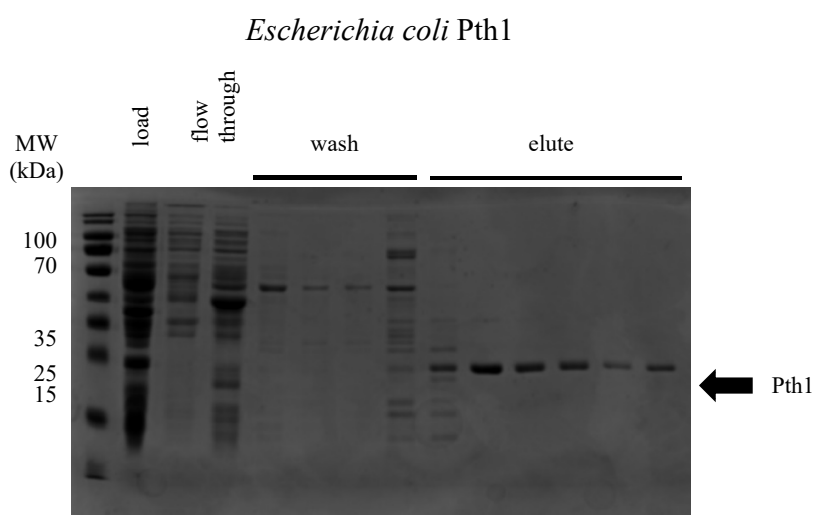


Supplementary

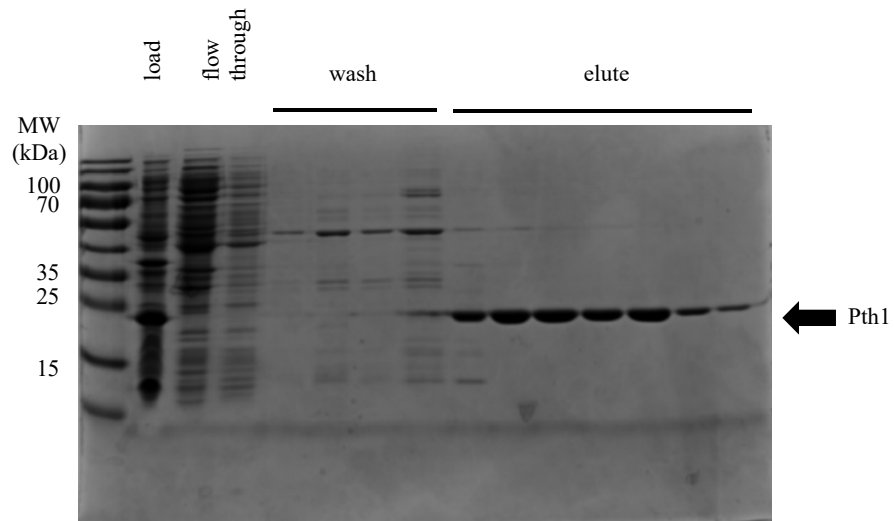
Natural Product Inhibition and Enzyme Kinetics Related to Phylogenetic Characterization for Bacterial Peptidyl-tRNA Hydrolase 1

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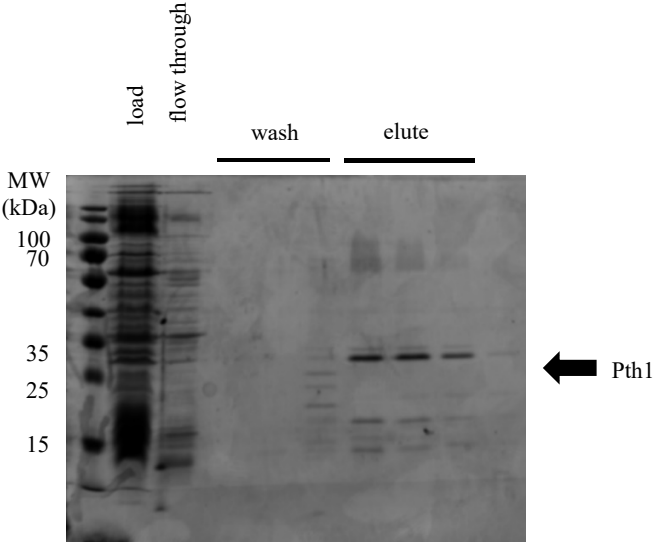
Fig 1. Gel Images of Purified Pth1 Shown are gels for all purified Pth1 enzymes used in this study. Pth1, indicated by the arrow on the right, was purified using metal chelation chromatography with the resulting fractions labeled.



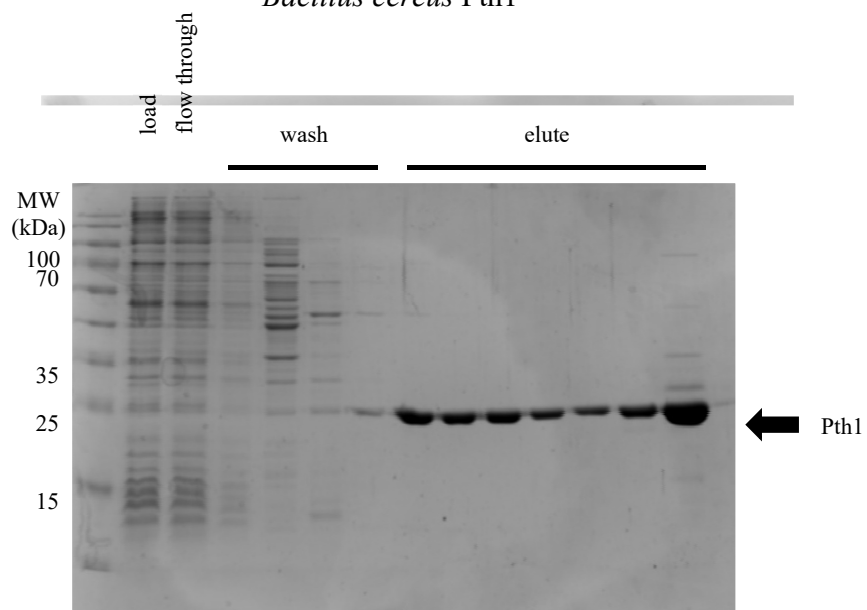
Pseudomonas aeruginosa Pth1



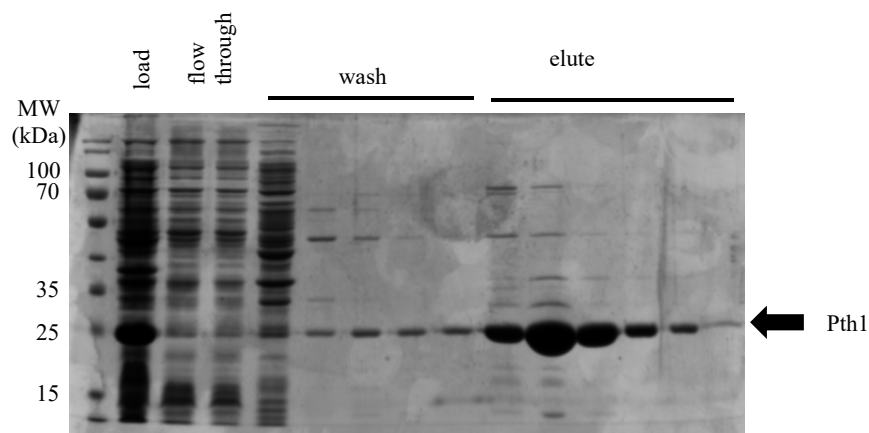
Staphylococcus aureus Pth1



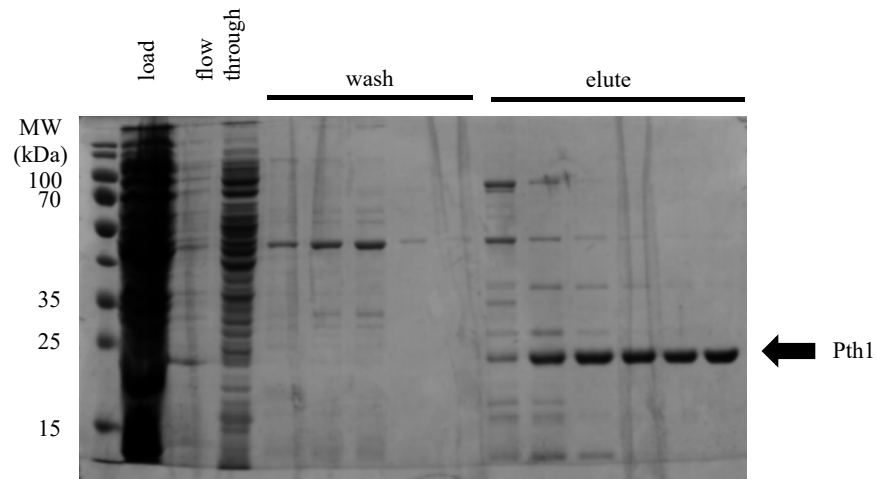
Bacillus cereus Pth1



Salmonella typhimurium Pth1



Mycobacterium tuberculosis Pth1



Supplementary Fig 2. Natural Product Extracts Shown are the natural products from which the extracts tested for Pth1 inhibition were derived along with the solvent used for extraction.

1. <i>Ardisia revoluta</i> (bark)	Acetone
2. <i>Ardidendron vaillanti</i> (bark)	EtOH
3. <i>Mandevilla veraguasensis</i> (bark)	Acetone
4. <i>Inga sierra</i> (bark)	MeOH
5. <i>Ardisia compressa</i> (bark)	CHCl ₃
6. <i>Exothea paniulata</i> (bark)	EtOH
7. <i>Salacia liana</i> (bark)	CHCl ₃
8. <i>Lonchocarpus orotinus</i> (bark)	EtOH
9. <i>AlDrymonia conchocalyx</i> (vine)	EtOH
10. <i>Cestrum racemosum</i> (bark)	Acetone
11. <i>Myorica</i> sp “fuzzy leaf” (leaf)	Acetone
12. <i>Drypetes lasiogyna ver australasia</i> (bark)	CHCl ₃
13. <i>Mallotus paniculate</i> (bark)	EtOH
14. <i>Albizia adenocephalia</i> (bark)	DMSO
15. <i>Ocistea floribunda</i> (bark)	Acetone
16. <i>Acacia aulacocarpa</i> (bark)	DMSO
17. <i>Conestegba xalapensis</i> (bark)	DMSO
18. <i>Urera caracasmas</i> (bark)	EtOH
19. <i>Psychotria parviflora</i> (bark)	Acetone
20. <i>Sityrax argenteus</i> (bark)	CH ₂ Cl ₂
21. <i>Cinnamomum tonduzii</i> (bark)	EtOH
22. <i>Syzygium johnsonii</i> (bark)	EtOH
23. <i>Ocotea “los llamas”</i> (bark)	Acetone
24. <i>Polysoma alangiacea</i> (bark)	CHCl ₃ /EtOH
25. <i>Grevilla lilliana</i> (bark)	CHCl ₃ /EtOH