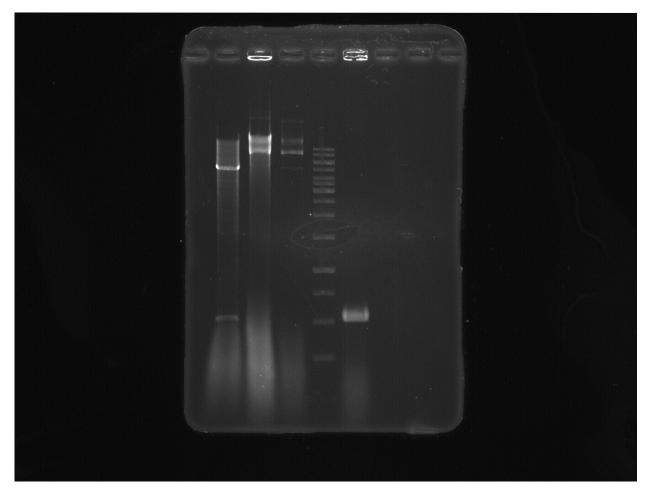
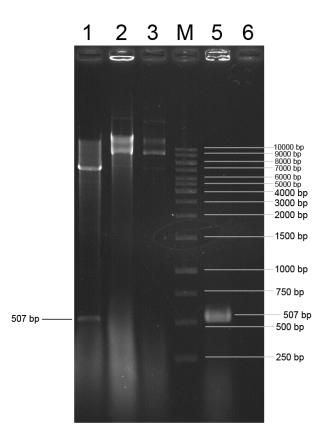
Raw-cloning analyses



Raw-cloning analyses with caption

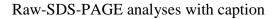
	X	1	2	3	Μ	5	6	Х	X			
1, Double digestion of recombinant pET26b(+) by Xhol and Ndel restriction enzyme			-			6						
2, Recombinant pET26b(+) containing protease 1147 sequence											– 10000 bp – 9000 bp – 8000 bp – 7000 bp	
3, Empty pET26b(+) vector									3		– 6000 bp – 5000 bp – 4000 bp – 3000 bp	
M, DNA marker											– 2000 bp – 1500 bp	
4, PCR from recombinant pET26b(+) vector with specific primers for protease 1147 sequence											– 1500 bp – 1000 bp – 750 bp	
6, Negative control PCR 507	7 bp ———										——— 507 — 500 bp	bp
X, Items that are not displayed in the address given in the main manuscript											– 250 bp	

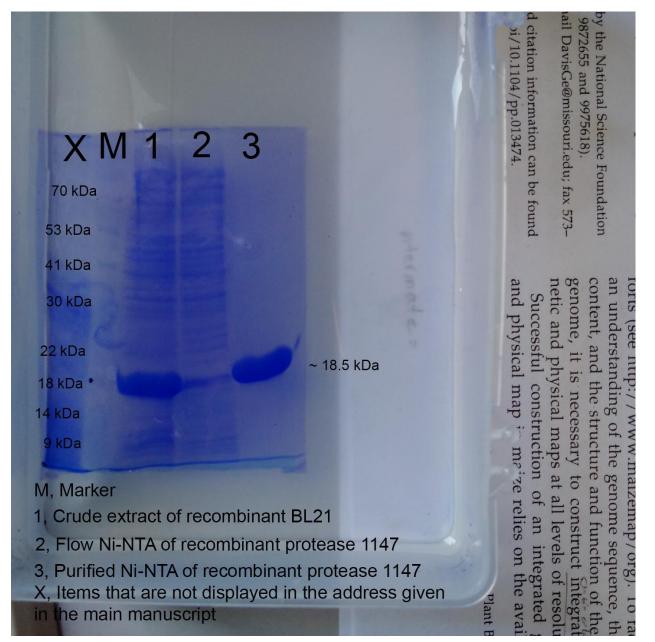
The figure of the address given in the main manuscript.

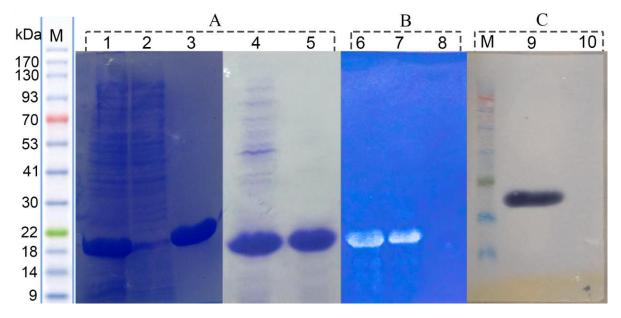




Raw-SDS-PAGE analyses



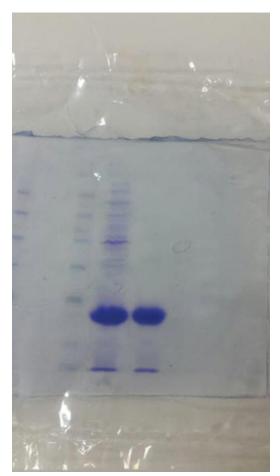




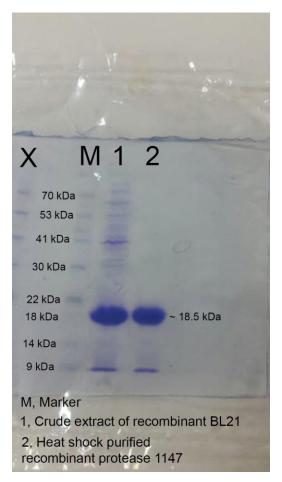
The figure 8A of the address given in the main manuscript.

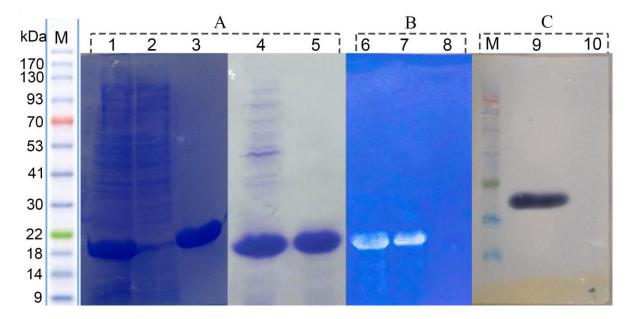
Fig 8. SDS-PAGE, western blot and zymogram analysis of recombinant protease 1147. (A) SDS-PAGE analysis of recombinant protease 1147. Lane 1) crude extract of recombinant BL21, lane2) crude extract of non-recombinant BL21 (negative control), lane 3) Ni-NTA purified.

Raw-SDS-PAGE heat shock purified analyses



Raw-SDS-PAGE heat shock purified analyses with caption

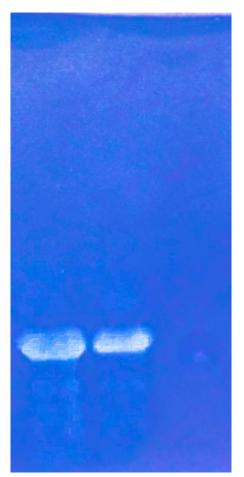




The figure 8A of the address given in the main manuscript.

Fig 8. SDS-PAGE, western blot and zymogram analysis of recombinant protease 1147. (A) SDS-PAGE analysis of recombinant protease 1147. Lane 4) crude extract of recombinant BL21 and lane 5) heat shock purified recombinant protease 1147.

Raw-NATIVE-PAGE zymogram analyses



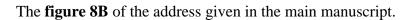
Raw-NATIVE-PAGE zymogram analyses with caption



1, Ni-NTA purified Native-PAGE zymogram

2, Crude extract of recombinant BL21 Native-PAGE zymogram

3, Crude extract of non-recombinant BL21 (negative control) Native-PAGE zymogram



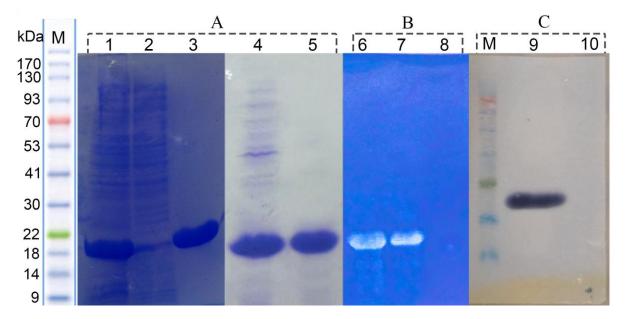
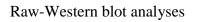
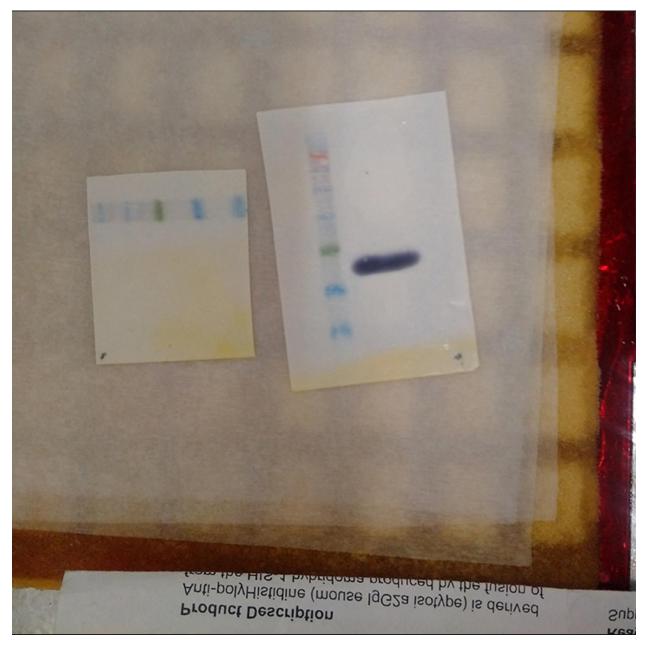
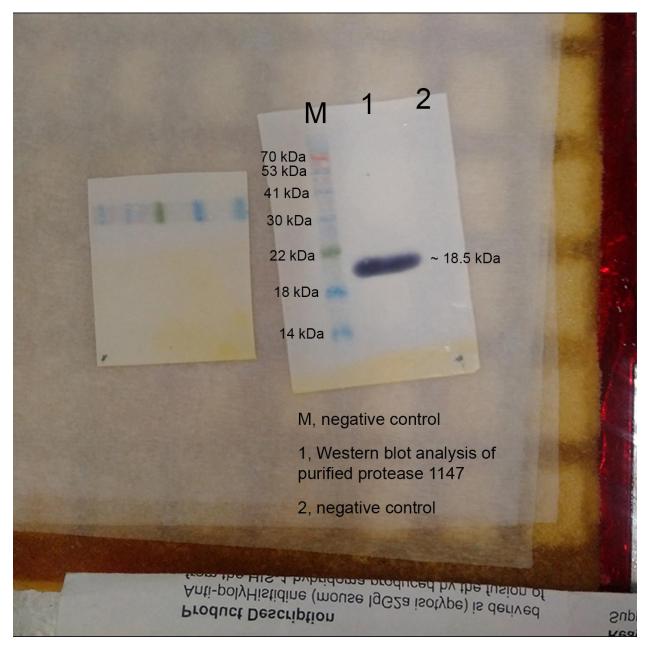


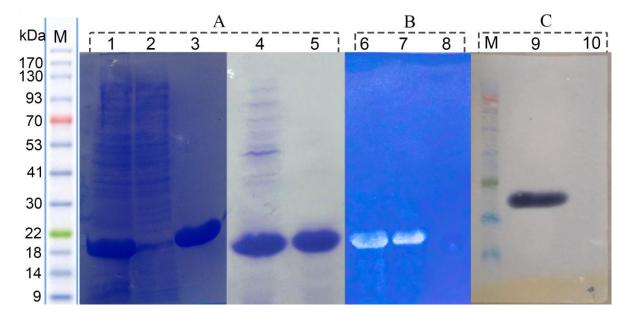
Fig 8. SDS-PAGE, western blot and zymogram analysis of recombinant protease 1147. (B) Native-PAGE zymogram analysis of 6) Ni-NTA affinity column and, 7) heat shock single-step method purified protease 1147, 8) crude extract of non-recombinant BL21 (negative control).





Raw-Western blot analyses with caption





The figure 8C of the address given in the main manuscript.

Fig 8. SDS-PAGE, western blot and zymogram analysis of recombinant protease 1147. (*C*) *Western blot analysis of (9) Ni-NTA affinity column purified protease 1147, and (10) negative control.*