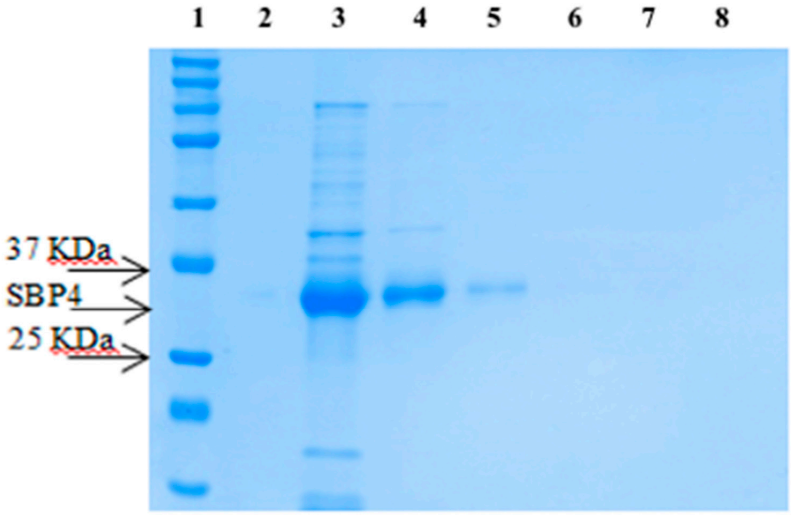
Supplementary Materials:



SDS-PAGE 12%. Lane 1: marker. Lane 2: first washing. Lane 3: Firts elution. Lane 4: Second elution. Lane 5: Third elution. Lane 6: Fourth elution. Lane 7: Fifth elution. Lane 8: Sixth elution.

Figure S1. SDS PAGE of the purified recombinant SBP4.

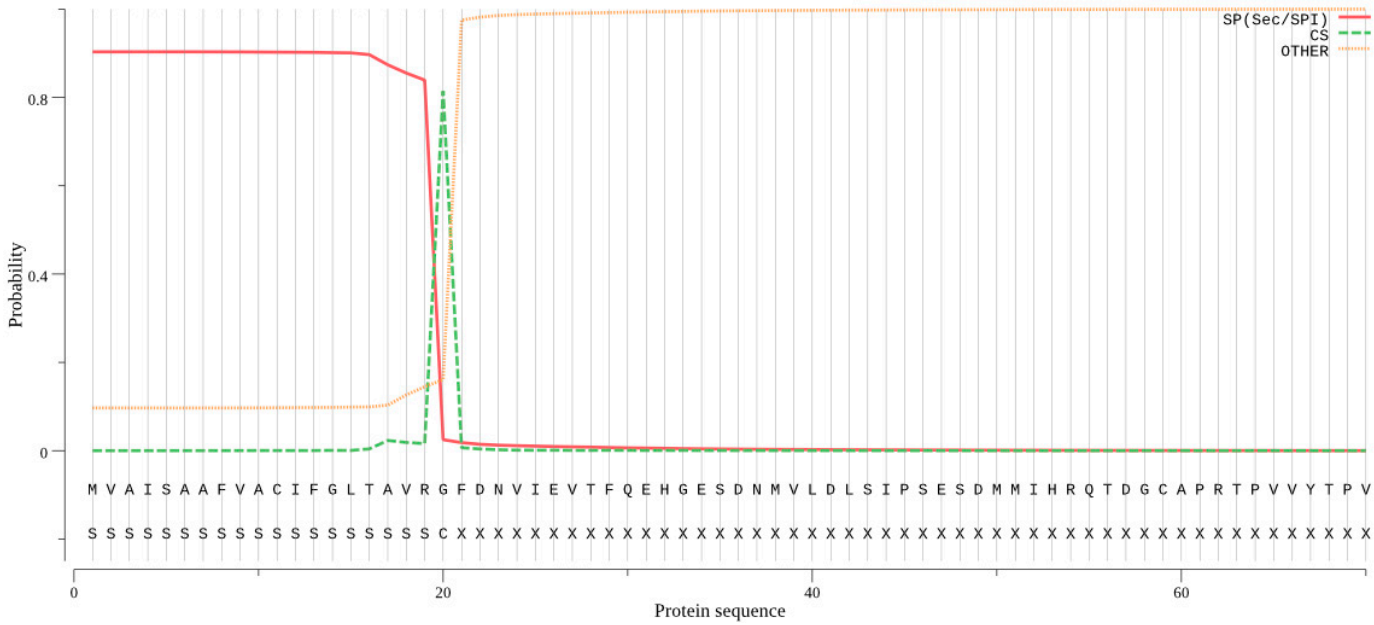

SP(Sec/SPI)
CS
OTHER
Probability
0.8
0.4
0
M V A I S A A F V A C I F G L T A V R G F D N V I E V T F Q E H G E S D N M V L D L S I P S E S D M M I H R Q T D G C A P R T P V V Y T P V
S S S S S S S S S S S S S S S S S S C X X X

Figure S3. Domain and signal peptide identification by SMART.

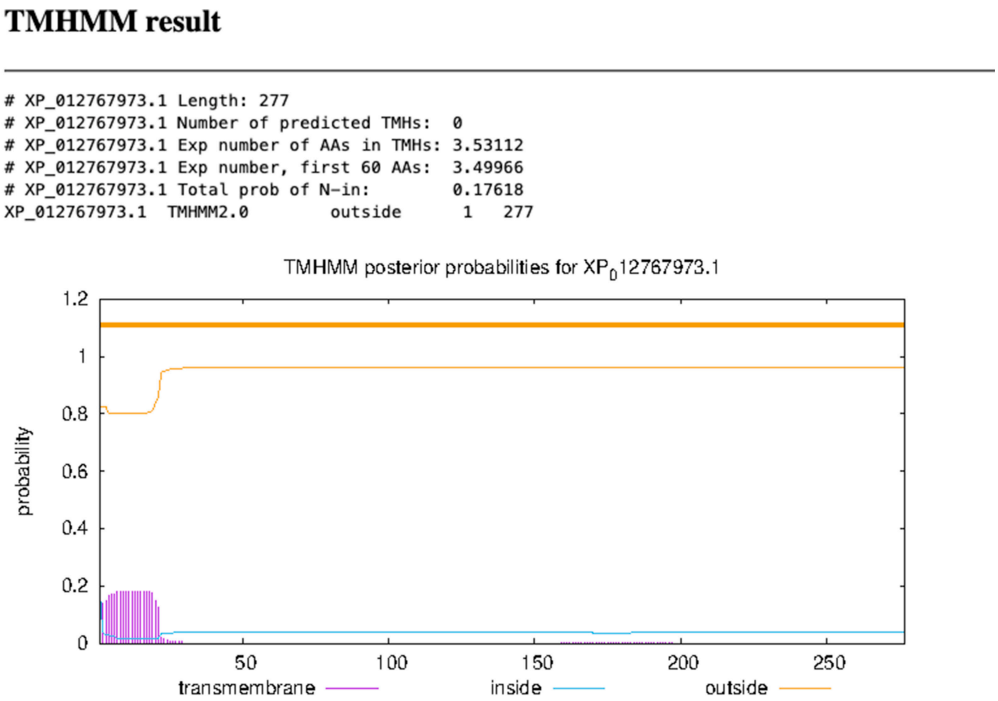


Figure S4. Transmembrane domain identification.