

Supplementary Materials: *Bacillus thuringiensis* Vip1 Functions as a Receptor of Vip2 Toxin for Binary Insecticidal Activity against *Holotrichia parallela*

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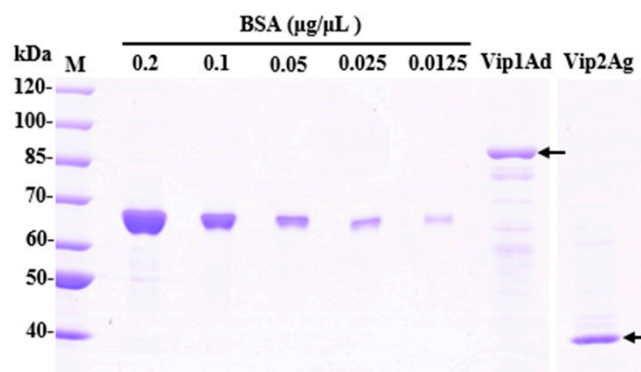


Figure S1. Analysis of Vip1Ad and Vip2Ag expression levels in fermentation broth. The expression of Vip1Ad and Vip2Ag was analyzed by SDS-PAGE. The concentrations of Vip1Ad and Vip2Ag extracts were determined by ImageJ Software using different concentrations of bovine serum albumin (BSA) as a standard. Arrowheads indicate the expressed Vip1Ad and Vip2Ag.

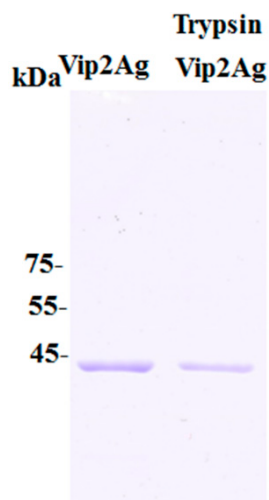


Figure S2. SDS-PAGE analysis of Vip2Ag was digested by trypsin.

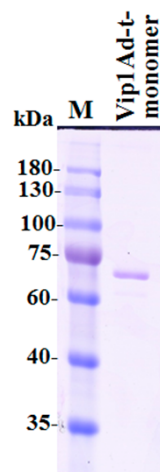


Figure S3. SDS-PAGE analysis of Vip1Ad-t-monomer was purified by Superdex-75 gel filtration chromatography.

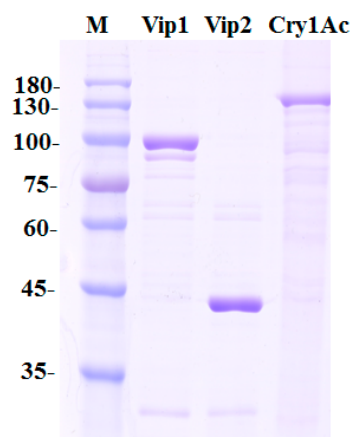


Figure S4. Comparison of Vip1Ad, Vip2Ag and Cry1Ac protein expression level.