

# Native *Bacillus thuringiensis* vip3A Protein

**Cat. No.** vip3A-38B    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
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| <b>Product Overview</b> | Native <i>Bacillus thuringiensis</i> vip3A Protein was expressed in <i>E. coli</i> . Expression Vector: pET-28a.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Species</b>          | <i>Bacillus thuringiensis</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Source</b>           | <i>E. coli</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Protein Length</b>   | 1 ~ 789 aa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Description</b>      | Vegetative insecticidal protein                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Form</b>             | Lyophilized powder/Frozen liquid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Molecular Mass</b>   | 93kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>AA Sequence</b>      | <p>MNKNNTKLSTRALPSFIDYFNGIYG FATGIKDIMNMIFKTD TGGDLTLDEILKNQQLLN<br/> DISGKLDGVNGSLNDLIAQGNLNTLSKEILKIANEQNQVLNDVNNKLD AINTMLRVYL<br/> PKITSMLSDVMKQNYALSLQIEYLSKQLQEISDKLDIINVNLINSTLTEITPAYQRIKYV<br/> NEKFEELTFATETSSKVKKDGSPADILDELTELELAKSVTKNDVDGFEFYLNTHFDV<br/> MVGNNLFGRSALKTASELITKENVKTS GSEVGNVYNFLIVLTALQAQAFLLTTCRKL<br/> LGLADIDYTSIMNEHLNKEKEEFRVNILPTLSNTFSNPYAKVKGSDEDAKMIVEAKP<br/> GHALIGFEISNDSITVLKVYEAKLKQNYQVDKDSLSEVIYGDMDKLLCPDQSEQIYYT<br/> NNIVFPNEYVITKIDFTKKMKTLRYEVTANFYDSSTGEIDLNKKKVESSEAEYRTLSAN<br/> DDGVYMP LGVISEFTLTPINGFGLQADENSRLITLTCKSYLRELLLATDLSNKETKLIV<br/> PPSGFISNIVENGSI EEDNLEPWKANNKNAYVDHTGGVNGTKALYVHKDGGISQFIG</p> |

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DKLKPKTEYVIQYTVKGKPSIHLKDENTGYIHIEDTNNNLEDYQTINKRFTTGTDLKG  
 VYLILKSQNGDEAWGDNFIILEISPSEKLLSPELINTNNWTSTGSTNISGNTLTLYQGG  
 RGILKQNLQLDSFSTYRVYFSVSGDANVRIRNSREVLFEKRYMSGAKDVSEMFTTKF  
 EKDNFYIELSQGNNLYGGPIVHFYDVSİK

|                     |                                                                                   |
|---------------------|-----------------------------------------------------------------------------------|
| <b>Purity</b>       | 95%                                                                               |
| <b>Applications</b> | Enzyme-linked immunosorbent assay; Biological test; Gastric toxicity test in mice |
| <b>Storage</b>      | Store at -20 centigrade. Avoid repeated freeze thaw cycles.                       |
| <b>Shipping</b>     | The product is shipped at 4 centigrade.                                           |

## GENE INFORMATION

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|------------------------|------------------------|
| <b>Official Symbol</b> | vip3A                  |
| <b>UniProt ID</b>      | <a href="#">Q938Z1</a> |

## SDS-PAGE

