

Recombinant *Bacillus thuringiensis* Vip3Aa19 Protein



Cat. No. *Vip3Aa19-06B*

Lot. No. (See product label)

Product Name

Recombinant *Bacillus thuringiensis* Vip3Aa19 Protein

Product Overview

B. thuringiensis (Bt) is a gram-positive, soil-dwelling, spore-forming, rod-shaped bacteria. It is approximately 1 μm in width and 5 μm in length. It grows at body temperature and produces a diamond-shaped crystal from its crystal proteins (Cry proteins) and uses it to fend off insects, predators, and other pathogens.

Form

Liquid

Molecular Mass

93 kDa

Synonyms

Vip3Aa19

Applications

ELISA; Biological test; Mouse stomach toxicity test

Source

Escherichia coli

Official Symbol

Vip3Aa19

Species

Bacillus thuringiensis

Protein length

789 aa

AA Sequence

MNKNNTKLSTRALPSFIDYFNGIYGFATGIKDIMNMIFKTDGDDLTLDEILKNQQLNDISGKLDGVNGSLNDLIAQ
GNLNTELSKEILKIANEQNQLNDVNNKLDIAINTMLRVYLPKITSMLSDVMKQNYALSLQIEYLSKQLQEISDKLDIIN
VNVLINSTLTEITPAYQRIKYVNEKFEELTFATETSSKVKKDGPADILDELTELAKSVTKNDVDGFEFYLNTHF
DVMVGNNLFGRSALKTASELITKENVKTSGSEVGNVYNFLIVLTALQAQAFLLTTCRKLLGLADIDYTSIMNEHLNK
EKEEFRVNILPTLSNTFSNPYAKVKGSDDEAKMIVEAKPGHALIGFEISNDSITVLKVYEAKLKQNYQVDKDSLSE
VIYGDMDKLLCPDQSEQIYYTNNIVFPNEYVITKIDFTKKMKTLRYEVTANFYDSSTGEIDLNKKKVESSEAEYRTLS
ANDDGVYMPGLVISEFTLTPINGFGLQADENSRLITLCKSYLRELLLATDLSNKETKLIVPPSGFISNIVENGSIIEED
NLEPWKANNKNAYVDHTGGVNGTKALYVHKDGGISQFIGDKLPKTEYVIQYTVKGKPSIHLKDENTGYIHYEDTN
NNLEDYQTINKRFTTGTDLKGVYLILKSQNGDEAWGDNFIILEISPSEKLLSPELINTNNWTSTGSTNISGNTLTLYQ
GGRGILKQNLQLDSFSTYRVYFSVSGDANVRIRNSREVLFEKRYMSGAKDVSEMFTTKFEKDNFYIELSQGNNLY
GGPIVHFYDVSIK

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