

Native *Bacillus thuringiensis* Cry1Ab Protein

Cat. No. Cry1Ab-36B **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native <i>Bacillus thuringiensis</i> Cry1Ab Protein was expressed in <i>E. coli</i> . Expression Vector: pET-28a.
Species	<i>Bacillus thuringiensis</i>
Source	<i>E. coli</i>
Protein Length	818 aa
Description	insecticidal delta-endotoxin Cry8Ea1 family protein
Form	Liquid
Molecular Mass	92.26 kDa
AA Sequence	MDNNPNINECIPYNCLSNPEVEVLGGERIETGYTPIDISLSLTQFLLSEFVPGAGFVLG LVDIWGFIFGPSQWDAFLVQIEQLINQRIEEFARNQAISRLEGLSNLYQIYAESFREWE ADPTNPALREEMRIQFNDMNSALTTAIPLFAVQNYQVPLLSVYVQAANLHLSVLRDV SVFGQRWGFDAATINSRYNDLTRLIGNYTDHAVRWYNTGLERVWGPDSRDWIRYN QFRRELTTLVDIVSLFPNYDSRTYPIRTVSQLTREIYTNPVLENFDGSFRGSAQGIEG SIRSPHLMIDLNSITIYTDAGRGEYYWSGHQIMASPVGFSGPEFTFPLYGTMGNAAP QQRIVAQLGQGQVYRTLSTLYRRPFNIGINNQQLSVLDGTEFAYGTSSNLPSAVYRK SGTVDSLDEIPPQNNNVPPRQGFSHRLSHVSMFRSGFSNSSVSIIRAPMFSWIHRSA EFNNIIPSSQITQIPLTKSTNLGSGTSVVKGPGFTGGDILRRTSPGQISTLRVNITAPLS QRYRVRIRYASTTNLQFHTSIDGRPINQGNFSATMSSGSNLQSGSFRTVGFTTPFNF

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SNGSSVFTLSAHVFNSGNEVYIDRIEFVPAEVTFEAEYDLERAQKAVNELFTSSNQIG
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 QLRGYIEDSQDLEIYLIRYNNAKHETVNVPGTGSWPLSAPSPIGKCAHHSHHFSLDID
 VGCTDLNEDFR

Purity

85%

Applications

Enzyme-linked immunosorbent assay; Biological test; Gastric toxicity test in mice

Storage

Store at -20 centigrade. Avoid repeated freeze thaw cycles.

Shipping

The product is shipped at 4 centigrade.

GENE INFORMATION
Gene Name

 BTHUR0008_RS31135 insecticidal delta-endotoxin Cry8Ea1 family protein [*Bacillus thuringiensis* serovar berliner ATCC 10792]

Official Symbol

Cry1Ab

Gene ID

67470639

Protein Refseq

WP_000369819

UniProt ID

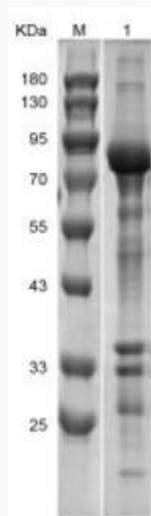
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