

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 QFRRELTTLVLDIVSLFPNYDSRTYPIRTVSQLTREIYTNPVLENFDGSFRGSAQGIEG SIRSPHLMIDLNSITIYTDAGRGEYYWSGHQIMASPVGFSGPEFTFPLYGTMGNAAP QQRIVAQLGQGQVYRTLSTLYRRPFNIGINNQQLSVLDGTEFAYGTSSNLPSAVYRK SGTVDSLDEIPPQNNNVPPRQGFSHRLSHVSMFRSGFSNSSVSIIRAPMFSWIHRSA EFNNIIPSSQITQIPLTKSTNLGSGTSVVKGPGFTGGDILRRTSPGQISTLRVNITAPLS QRYRVRIRYASTTNLQFHTSIDGRPINQGNFSATMSSGSNLQSGSFRTVGFTTPFNF

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SNGSSVFTLSAHVFNSGNEVYIDRIEFVPAEVTFEAEYDLERAQKAVNELFTSSNQIG
 LKTDVTDYHIDQVSNLVECLSDEFCLDEKKELSEKVKHAKRLSDERNLLQDPNFRGI
 NRQLDRGWGRGSTDITIQQGDDVFKENYVTLLGTFDECYPTYLYQKIDESKCLKAYTRY
 QLRGYIEDSQDLEIYLIRYNNAKHETVNVPGTGSWLPLSAPSPIGKCAHHSHHFSLDID
 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

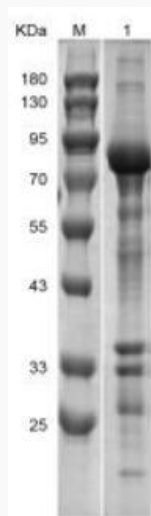
Gene Name	BTHUR0008_RS31135 insecticidal delta-endotoxin Cry8Ea1 family protein [<i>Bacillus thuringiensis</i> serovar berliner ATCC 10792]
Official Symbol	Cry1Ab
Gene ID	67470639
Protein Refseq	WP_000369819
UniProt ID	P0A370

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