

Recombinant *Bacillus thuringiensis* cry1Ac Protein, His-tagged

Cat. No. cry1Ac-01B **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant <i>Bacillus thuringiensis</i> Cry1Ac Protein with C-terminus 6xHis tag eas expressed in <i>E. coli</i> .
Species	<i>Bacillus thuringiensis</i>
Source	<i>E. coli</i>
Description	Promotes colloidosmotic lysis by binding to the midgut epithelial cells of many lepidopteran larvae.
Form	Lyophilized powder
Molecular Mass	62.8 kDa
AA Sequence	MDNNPNINECIPYNCLSNPEVEVLGGERIETGYTPIDISLSLTQFLLSEFVPGAGFVLG LVDIIWGIFGPSQWDAFLVQIEQLINQRIEEFARNQAISRLEGLSNLYQIYAESFREWE ADPTNPALREEMRIQFNDMNSALTTAIPLFAVQNYQVPLLSVYVQAANLHLSVLRDV SVFGQRWGFDAATINSRYNDLTRLIGNYTDYAVRWYNTGLERVWGPDSRDWVRYN QFRRELTTLVLDIVALFPNYDSRRYPITVSQLTREIYTNPVLENFDGSFRGSAQGIE RSIRSPHLMDILNSITIYTD AHRGYYYWSGHQIMASPVGFSGPEFTFPLYGTMGNAA PQQRIVAQLGQG VYRTLSTLYRRPFNIGINNQQLSVLDGTEFAYGTSSNLPSAVYR KSGTVDSLDEIPPQNNNVPPRQGF SHRLSHVSMFRSGFSNSSVSIIRAPMFSWIHRS AEFNIIASDSITQIPAVKGNFLFNGSVISGPGFTGGDLVRLNSSGNNIQNRGYIEVPI HFPSTSTRYRVRVRYASVTPIHLNVNWGYSSIFSNTVPATATSLDNLQSSDFGYFES

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ANAFTSSLGNIVGVRNFSGTAGVIIDGFEFIPVT

Purity >95%, purified by Ni NTA and determined by SDS-PAGE.

Storage Store at -20 centigrade, for extended storage

Concentration Dilute to 1 mg/mL in PBS

Storage Buffer PBS

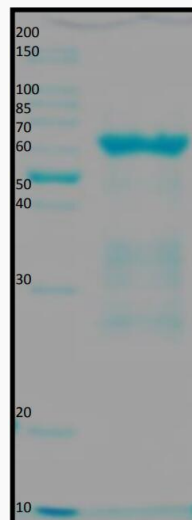
GENE INFORMATION

Official Symbol [cry1Ac](#)

Synonyms cry1Ac; Pesticidal crystal protein Cry1Ac; 133 kDa crystal protein; Crystalline entomocidal protoxin; Insecticidal delta-endotoxin CryIA(c); cry1A(c); cry218; cryIA(c)

UniProt ID [P05068](#)

SDS-PAGE



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