

# Recombinant *Bacillus thuringiensis* cry1Ac Protein, His-tagged

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

## SPECIFICATION

<b>Product Overview</b>	Recombinant <i>Bacillus thuringiensis</i> Cry1Ac Protein with C-terminus 6xHis tag eas expressed in <i>E. coli</i> .
<b>Species</b>	<i>Bacillus thuringiensis</i>
<b>Source</b>	<i>E. coli</i>
<b>Description</b>	Promotes colloidosmotic lysis by binding to the midgut epithelial cells of many lepidopteran larvae.
<b>Form</b>	Lyophilized powder
<b>Molecular Mass</b>	62.8 kDa
<b>AA Sequence</b>	<p>MDNNPNINECIPYNCLSNPEVEVLGGERIETGYTPIDISLSLTQFLLSEFVPGAGFVLG            LVDIIWGIFGPSQWDAFLVQIEQLINQRIEEFARNQAISRLEGLSNLYQIYAESFREWE            ADPTNPALREEMRIQFNDMNSALTTAIPLFAVQNYQVPLLSVYVQAANLHLSVLRDV            SVFGQRWGFDAATINSRYNDLTRLIGNYTDYAVRWYNTGLERVWGPDSRDWVRYN            QFRRELTTLVLDIVALFPNYDSRRYPPIRTVSQLTREIYTNPVLENFDGSFRGSAQGIE            RSIRSPHLM DILNSITIYTD AHRGYYYWSGHQIMASPVGFSGPEFTFFLYGTMGNA A            PQRIVAQLGQG VYRTL SSTLYRRPFNIGINNQQLSVLDGTEFAYGTSSNLPSAVYR            KSGTVDSLDEIPPQNNN VPPRQGF SHRLSHVSMFRSGFSNSSVSIIRAPMFSWIHRS            AEFNIIASDSITQIPAVKGNFLFN GSVISGPGFTGGDLVRLNSSGNNIQNRGYIEVPI            HFPSTSTRYRVRVRYASVTPIHLNVNWGYSSIFSNTVPATATSLDNLQSSDFGYFES</p>

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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

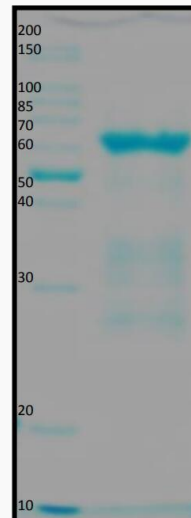
## GENE INFORMATION

**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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