Recombinant Bacillus thuringiensis cry1Ac Protein, His-tagged

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

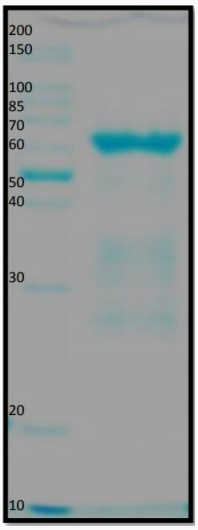
SPECIFICATION

Product Overview	Recombinant Bacillus thuringiensis Cry1Ac Protein with C-terminus 6xHis tag eas expressed in E. coli.
Species	Bacillus thuringiensis
Source	E.coli
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 QFRRELTLTVLDIVALFPNYDSRRYPIRTVSQLTREIYTNPVLENFDGSFRGSAQGIE RSIRSPHLMDILNSITIYTDAHRGYYYWSGHQIMASPVGFSGPEFTFPLYGTMGNAA PQQRIVAQLGQGVYRTLSSTLYRRPFNIGINNQQLSVLDGTEFAYGTSSNLPSAVYR KSGTVDSLDEIPPQNNNVPPRQGFSHRLSHVSMFRSGFSNSSVSIIRAPMFSWIHRS AEFNNIIASDSITQIPAVKGNFLFNGSVISGPGFTGGDLVRLNSSGNNIQNRGYIEVPI HFPSTSTRYRVRVRYASVTPIHLNVNWGYSSIFSNTVPATATSLDNLQSSDFGYFES

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	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; Crystaline entomocidal protoxin; Insecticidal delta-endotoxin CryIA(c); cry1A(c); cry218; cryIA(c)
UniProt ID	P05068
SDS-PAGE	

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