

Pesticidal crystal protein cry1Ac Recombinant Protein | cry1Ac recombinant protein

Recombinant Pesticidal crystal protein cry1Ac

CATALOG # AAA115278	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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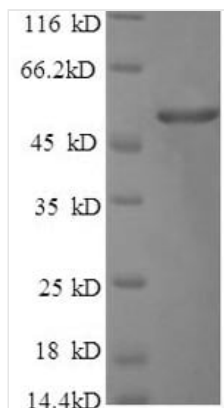
PRODUCT SYNONYMS

Pesticidal crystal protein cry1Ac; Recombinant Pesticidal crystal protein cry1Ac; 133 kDa crystal protein; Crystalline entomocidal protoxinInsecticidal delta-endotoxin CryIA(c); cry1Ac recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	972-1178aa; partial
Sequence	LYDARNVIKN GDFNGLSCW NVKGHVDVEE QNNQRSVLVW PEWEAEVSQE VRVCPGRGYI LRVTAKEGY GEGCVTIHEI ENNTDELKFS NCVEEEIYPN NVTTCNDYTV NQEEYGGAYT SRNRGYNEAP SVPADYASVY EEKSYTDGRR ENPCEFNRGY RDYTPLVGY VTKELEYFPE TDKVWIEIGE TEGTFIVDSV ELLLMEE
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for cry1Ac recombinant protein	Promotes colloidosmotic lysis by binding to the midgut epithelial cells of many lepidopteran larvae.
References	Characterized full-length and truncated plasmid clones of the crystal protein of <i>Bacillus thuringiensis</i> subsp. <i>kurstaki</i> HD-73 and their toxicity to <i>Manduca sexta</i> . Adang M.J., Staver M.J., Rocheleau T.A., Leighton J., Barker R.F., Thompson D.V. <i>Gene</i> 36:289-300(1985) Cloning and expression of a <i>Bacillus thuringiensis</i> (L1-2) gene encoding a crystal protein active against <i>Glossina morsitans morsitans</i> and <i>Chilo partellus</i> . Omolo E.O., James M.D., Osir E.O., Thomson J.A. <i>Curr. Microbiol.</i> 34:118-121(1997)

NCBI AND UNIPROT INFORMATION

NCBI GI #	117547
UniProt Accession #	P05068
Molecular Weight	25.8 kDa
NCBI Official Full Name	Pesticidal crystal protein Cry1Ac
UniProt Protein Name	Pesticidal crystal protein Cry1Ac
UniProt Gene Name	cry1Ac
UniProt Synonym Gene Names	cry1A(c); cry218; cryIA(c)
UniProt Entry Name	CR1AC_BACTK

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/cry1ac-recombinant-protein-e-coli/115278>