

Pesticidal crystal protein cry2Ab Recombinant Protein | cry2Ab recombinant protein

Recombinant Bacillus thuringiensis subsp. Kurstaki Pesticidal crystal protein cry2Ab

CATALOG # AAA18567	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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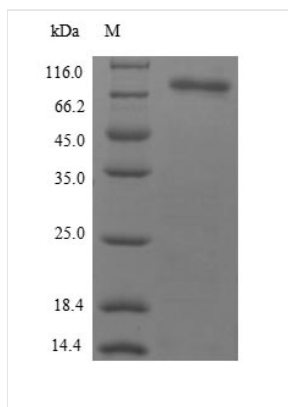
PRODUCT SYNONYMS

Pesticidal crystal protein cry2Ab; Recombinant Bacillus thuringiensis subsp. Kurstaki Pesticidal crystal protein cry2Ab; 71 kDa crystal protein; Crystalline entomocidal protoxinInsecticidal delta-endotoxin CryIIA(b); cry2Ab 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	1-633aa; Full Length
Sequence	MNSVLNSGRT TICDAYNVAA HDPFSFQHKSLDTVQKEWTE WKKNNHSLYL DPIVGTVASF LLKKVGSVLG KRILSELRLN IFPSGSTNLM QDILRETEKF LNQRLNTDTL ARVNAELTGL QANVEEFNRQ VDNFLNPNRN AVPLSITSSV NTMQQLFLNR LPQFQMGGYQ LLLLPLFAQA ANLHLSFIRD VILNADEWGI SAATLRITYRD YLKNYTRDYS NYCINTYQSA FKGLNTRLHD MLEFRTYMFL NVFEYVSIWS LFKYQSLLVS SGANLYASGS GPQQTQSFTS QDWPFLYSLF QVNSNYVLNG FSGARLSNTF PNIVGLPGST TTHALLAARV NYSGGISSGD IGASPFNQNF NCSTFLPPLL TPFVRSWLDS GSDREGVATV TNWQTESFET TLGLRSGAFT ARGNSNYFPD YFIRNISGVP LVVRNEDLRR PLHYNEIRNI ASPSGTPGGA RAYMVSVHNR KNNIHAVHEN GSMIHLAPND YTGFTISPIH ATQVNNQTRT FISEKFGNQG DSLRFEQNNT TARYTLRGNG NSYNLYLRVS SIGNSTIRVT INGRVYTATN VNTTTNNDGV NDNGARFSDI NIGNVVASSN SDVPLDINVT LNSGTQFDLM NIMLVPTNIS PLY
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 cry2Ab recombinant protein	Promotes colloid osmotic lysis by binding to the midgut epithelial cells of lepidopteran (Manduca sexta) larvae.
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References	Two highly related insecticidal crystal proteins of Bacillus thuringiensis subsp. kurstaki possess different host range specificities.Widner W.R., Whiteley H.R.J. Bacteriol. 171:965-974(1989) Activation of a cryptic crystal protein gene of Bacillus thuringiensis subspecies kurstaki by gene fusion and determination of the crystal protein insecticidal specificity.Dankocsik C.C., Donovan W.P., Jany C.S.Mol. Microbiol. 4:2087-2094(1990)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	447012382
NCBI Accession #	WP_001089638.1
NCBI GenBank Nucleotide #	WP_001089638.1
UniProt Accession #	P21254
Molecular Weight	74.7 kDa
NCBI Official Full Name	MULTISPECIES: pesticidal crystal protein cry2Ab
UniProt Protein Name	Pesticidal crystal protein Cry2Ab
UniProt Gene Name	cry2Ab
UniProt Synonym Gene Names	cryB2; cryIIA(b)
UniProt Entry Name	CR2AB_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/cry2ab-recombinant-protein-e-coli/18567>