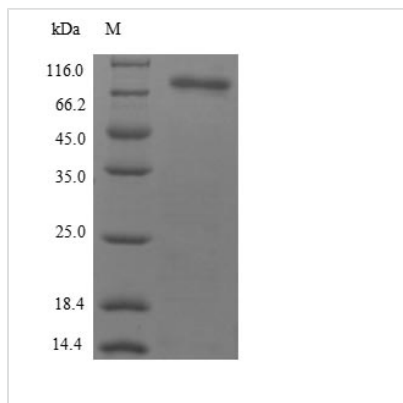




Recombinant *Bacillus thuringiensis* subsp. *kurstaki* Pesticidal crystal protein Cry2Ab (cry2Ab)

Product Code	CSB-EP324157BDC
Relevance	Promotes colloidosmotic lysis by binding to the midgut epithelial cells of lepidopteran (<i>Manduca sexta</i>) larvae.
Abbreviation	Recombinant <i>Bacillus thuringiensis</i> subsp. <i>kurstaki</i> cry2Ab protein
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P21254
Product Type	Recombinant Proteins
Immunogen Species	<i>Bacillus thuringiensis</i> subsp. <i>kurstaki</i>
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	MNSVLNSGRTTICDAYNVAAHDPFSFQHKSLDTVQKEWTEWKKNNHSLYLDP IVGTVASFLLKKVGSVLGKRILSELRNLIIFPSGSTNLMQDILRETEKFLNQLRNT DTLARVNAELTGLQANVEEFNRQVDNFLNPNRNAVPLSITSSVNTMQQLFLNR LPQFQMGGYQLLLLPLFAQAANLHLSFIRDVILNADEWGISAATLRTYRDYLN YTRDYSNYCINTYQSAFKGLNTRLHDMLEFRTYMLNVFEYVSIWSLFKYQSL VSSGANLYASGSGPQQTQSFTSQDWPFLYSLFQVNSNYVLNGFSGARLSNTF PNIVGLPGSTTHALLAARVNYSGGISGDIASPFNQFNFCSTFLPPLLTPFV RSWLDSGSDREGVATVTNWQTESFETTLGLRSGAFTARGNSNYFPDYFIRNIS GVPLVVRNEDLRRPLHYNEIRNIASPSGTPGGARAYMVSVHNRKNNIHAVHEN GSMIHLAPNDYTGFTISPIHATQVNNQTRTFISEKFGNQGDLSRFEQNNTTARY TLRGNGNSYNLYLRVSSIGNSTIRVTINGRVYTATNVNTTTNNDGVNDNGARF SDINIGNVVASSNSDVPLDINVTLNSGTQFDLMNIMLVPTNISPLY
Source	E.coli
Target Names	cry2Ab
Expression Region	1-633aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	74.7kDa
Protein Length	Full Length
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Shelf Life

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