

Recombinant *Bacillus Thuringiensis* Subsp. *Kurstaki* CRY1AC Protein (972-1178 aa), His-tagged

Cat. No. CRY1AC-1610B Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant <i>Bacillus Thuringiensis</i> Subsp. <i>Kurstaki</i> CRY1AC Protein (972-1178 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Protein Description: Partial.
Species	<i>Bacillus thuringiensis</i>
Source	Yeast
ProteinLength	972-1178 aa
Description	Promotes colloidosmotic lysis by binding to the midgut epithelial cells of many lepidopteran larvae.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	25.8 kDa
AA Sequence	LYDARNVIKNGDFNNGLSWNVKGVHDVVEEQNNQRSVLVPEWEAEVSQEVRVCP GRGYILRV TAYKEGYGEGCVTIHEIENNTDELKFSNCVVEEIIYPNNTVTCNDYTVNQE EYGGAYTSRNRGYNEAPSPADYASVYEEKSYTDGRRENPCFENRGYRDYTPLPV GYVTKELEYFPETDKVWIEIGETEGTFIVDSVELLMEE
Purity	> 90% as determined by SDS-PAGE.

 Tel: 1-631-559-9269 1-516-512-3133

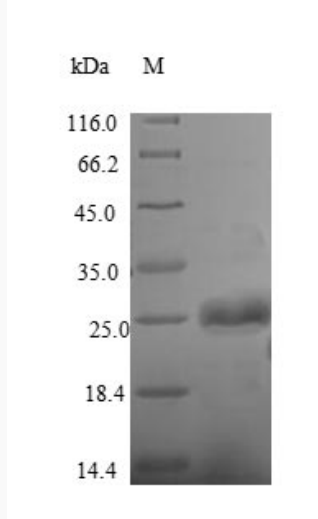
 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
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 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with reconstitution instruction is sent along with the products.

GENE INFORMATION

Synonyms	cry1Ac; 133 kDa crystal protein; Crystalline entomocidal protoxinInsecticidal delta-endotoxin CryIA(c);
UniProt ID	P05068



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



15% separation gel.

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