Recombinant Bacillus Thuringiensis Subsp. Kurstaki CRY1AB Protein (1022-1155 aa), His-SUMO-tagged

Cat. No. CRY1AB-962B **Lot. No.** (See product label)

SPECIFICATION

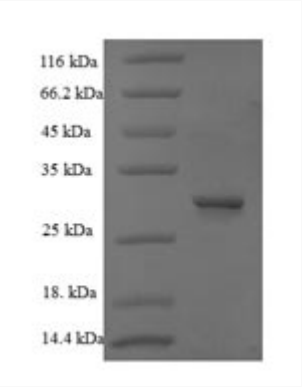
Product Overview	Recombinant Bacillus Thuringiensis Subsp. Kurstaki CRY1AB Protein (1022-1155 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Protein Description: Partial.
Species	Bacillus thuringiensis
Source	E.coli
ProteinLength	1022-1155 aa
Description	Promotes colloidosmotic lysis by binding to the midgut epithelial cells of many lepidopteran larvae.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	31.3 kDa
AA Sequence	HEIENNTDELKFSNCVEEEVYPNNTVTCNDYTATQEEYEGTYTSRNRGYDGAYESN SSVPADYASAYEEKAYTDGRRDNPCESNRGYGDYTPLPAGYVTKELEYFPETDKV WIEIGETEGTFIVDSVELLLMEE
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4

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

	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 concentration instruction is sent along with the products.

GENE INFORMATION

UniProt ID	P0A370



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

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