

Recombinant Pesticidal crystal protein cry1Ab

Catalog No: #AP72988



Package Size: #AP72988-1 20ug #AP72988-2 100ug #AP72988-3 1mg

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Description

Product Name	Recombinant Pesticidal crystal protein cry1Ab
Brief Description	Recombinant Protein
Host Species	Yeast
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1022-1155aaSequence Info:Partial
Other Names	130KDA crystal protein;Crystalline entomocidal protoxinInsecticidal delta-endotoxin CryIA(b)
Accession No.	P0A370
Uniprot	P0A370
Calculated MW	17.3 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	HEIENNTDELKFSNCVVEEVYPNNTVTCNDYTATQEEYEGTYTSRNRGYDGAYESNSSVPADYASAYEEKAY TDGRRDNPCESNRGYGDYTPLPAGYVTKLEYFPETDKVWIEIGETEGTFIVDSVELLLMEE
Formulation	Tris-based buffer50% glycerol
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.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Promotes colloidsmotic lysis by binding to the midgut epithelial cells of many lepidopteran larvae.

References

Characterization of *Bacillus thuringiensis* subsp. *kurstaki* strain S93 effective against the Fall armyworm, *Spodoptera frugiperda* and cloning of a cry1Ab gene.Silva-Werneck J.O., De-Souza M.T., Dias J.M.C.S., Ribeiro B.M.Can. J. Microbiol. 45:464-471(1999)Research Topic:Others

Note: This product is for in vitro research use only