

Recombinant Pesticidal crystal protein cry1Ac

Catalog No: #AP72960



Package Size: #AP72960-1 20ug #AP72960-2 100ug #AP72960-3 1mg

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

Product Name	Recombinant Pesticidal crystal protein cry1Ac
Brief Description	Recombinant Protein
Host Species	Yeast
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:972-1178aaSequence Info:Partial
Other Names	133KDA crystal protein;Crystalline entomocidal protoxinInsecticidal delta-endotoxin CryIA(c)
Accession No.	P05068
Uniprot	P05068
Calculated MW	25.8 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	LYDARNVIKNGDFNGLSCWNVKGHVDVEEQNNQRSVLVWPEWEAEVSQEVRCVPCGRGYILRVTAYKEGYG EGCVTIHEIENNTDELKFSNCVEEEIYPNNTVTENDYTVNQEEYGGAYTSRNRGYNEAPSPADYASVYEEKS YTDGRRENPCFENRGYRDYTPLVGYVTKELEYFPETDKWIEIGETEGTFIVDSVELLMEE
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

Characterized full-length and truncated plasmid clones of the crystal protein of *Bacillus thuringiensis* subsp. *kurstaki* HD-73 and their toxicity to *Manduca sexta*. Adang M.J., Staver M.J., Rocheleau T.A., Leighton J., Barker R.F., Thompson D.V. *Gene* 36:289-300(1985) Research Topic: Others

Note: This product is for in vitro research use only