

# Recombinant *Bacillus Thuringiensis* Subsp. *Kurstaki* CRY2AB Protein (1-634 aa), His-tagged

Cat. No. CRY2AB-892B Lot. No. (See product label)

## SPECIFICATION

**Product Overview** Recombinant *Bacillus Thuringiensis* Subsp. *Kurstaki* CRY2AB Protein (1-634 aa) is produced by E. coli expression system. This protein is fused with a 6xHis tag at the N-terminal. Protein Description: Full Length.

**Species** *Bacillus thuringiensis*

**Source** E.coli

**ProteinLength** 1-634 aa

**Form** Tris-based buffer, 50% glycerol

**Molecular Mass** 74.7 kDa

### AA Sequence

MDNSVLNSGRITICDAYNVAAHDPFSFQHKSLDTVQKEWTEWKKNNHSLYLDPIVG  
 TVASFLLKKVGSVLGKRILSELRLNLIFFPSGSTNLMQDILRETEKFLNQRLNTDTLARVN  
 AELTGLQANVEEFNRQVDNFLNPNRNAVPLSITSSVNTMQQLFLNRLPQFQMGGYQ  
 LLLLPLFAQAANLHLSFIRDVILNADEWGISAAATLRITYRDYLNKYNTRDYSNYCINTYQS  
 AFKGLNTRLHDMLEFRTYMFLNVFEYVSIWSLFKYQSLLVSSGANLYASGSGPQQT  
 QSFTSQDWPFYSLFQVNSNYVLNGFSGARLSNTFPNIVGLPGSTTTHALLAARVNY  
 SGGISSGDIGASPFNQNFNCSTFLPPLLTPFVRSWLDGSDREGVATVTNWQTESF  
 ETTLGLRSGAFTARGNSNYFPDYFIRNISGVPLVVRNEDLRRPLHYNEIRNIASPSGT  
 PGGARAYMVSVHNRKNNIHAVHENGSMIHLAPNDYTGFTISPIHATQVNNQTRTFIS  
 EKFGNQGDSLRFEQNNTTARYTLRGNGNSYNLYLRVSSIGNSTIRVTINGRVYTATN

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VNTTTNNDGVNDNGARFSDINIGNVVASSNSDVPLDINVTLNSGTQFDLMNIMLVPT  
NISPLY

**Purity** > 90% as determined by SDS-PAGE.

**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.

**Reconstitution** It is recommended to reconstitute the lyophilized powder in sterile water to 100-200 ug/ml, and further dilute with other solvents. The dissolved protein can be stored at 4°C for 2-7 days and should be used up as soon as possible. If not in use for a short time, please store at -20°C.

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