

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 <i>Bacillus Thuringiensis</i> Subsp. <i>Kurstaki</i> CRY2AB Protein (1-634 aa) is produced by <i>E. coli</i> expression system. This protein is fused with a 6xHis tag at the N-terminal. Protein Description: Full Length.
Species	<i>Bacillus thuringiensis</i>
Source	<i>E. coli</i>
Protein Length	1-634 aa
Form	Tris-based buffer, 50% glycerol
Molecular Mass	74.7 kDa
AA Sequence	MDNSVLNSGRITICDAYNVAADHPFSFQHKSLDTVQKEWTEWKKNNHSLYLDPIVG TVASFLLKKVGSVLGKRILSELRLNIFPSGSTNLMQDILRETEKFLNQRLNTDTLARVN AELTGLQANVEEFNRQVDNFLNPNRNAVPLSITSSVNTMQQLFLNRLPQFQMGGYQ LLLLPLFAQAANLHLSFIRDVILNADEWGISAATLRITYRDYLKNYTRDYSNYCINTYQS AFKGLNTRLHDMLEFRTYMFLNVFEYVSIWSLFKYQSLLVSSGANLYASGSGPQQT QSFTSQDWPFYSLFQVNSNYVLNGFSGARLSNTFPNIVGLPGSTTTTHALLAARVNY SGGISSGDIGASPFNQNFNCSTFLPPLLTPFVRSWLDGSDREGVATVTNWQTESF ETTLGLRSGAFTARGNSNYFPDYFIRNISGVPLVVRNEDLRRPLHYNEIRNIASPSGT PGGARAYMVSVHNRKNNIHAVHENGSMIHLAPNDYTGTISP I HATQVNNQTRTFIS EKFGNQGDSLRFEQNNNTARYTLRGNGNSYNLYLRVSSIGNSTIRVINGRVYTATN

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	VNTTTNNDGVNDNGARFSDINIGNVVASSNSDVPLDINVTLNSTGTQFDLMNIMLVPT 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.