

## Recombinant Cry1F Toxin

### Background

Cry1F toxin is a protein coded by the Bt gene. Originally expressed by *Bacillus thuringiensis*, the Bt gene is cloned into transgenic crops to generate the Cry1F protein, thus conferring pest-resistant to the plants.

### Product Details

<b>Product Code</b>	RBT002
<b>Molecular weight</b>	66.8kDa
<b>Sequence</b>	GRLPLDISLS LTRFLLSEFV PGVGVAFGLF DLIWGFITPS DWSLFLLQIE QLIEQRIETLERNRAITTLR GLADSYEIIYI EALREWEANP NNAQLREDVR IRFANTDDAL ITAINNFTLT SFEIPLLSVY VQAANLHLSL LRDAVSFGQG WGLDIATVNN HYNRLINLIH RYTKHCLDTYNQGLENLRGT NTRQWARFNQ FRRDLTLTVL DIVALFPNYD VRTYPIQTSS QLTREIYTSSVIEDSPVSAN IPNGFNRAEF GVRPPHLMDF MNSLFVTAET VRSQTVWGGH LVSSRNTAGNRINFPSYGVF NPGGAIWIAD EDPRPFYRTL SDPVFVRGGF GNPHYVLGLR GVAFQQTGTNHTRTRNSGT IDSLDEIPPQ DNSGAPWNDY SHVLNHVTFV RWPGEISGSD SWRAPMFSWTHRSATPTNTI DPERITQIPL VKAHTLQSGT TVVRGPGFTG GDILRRTSGG PFAYTIVNINGQLPQRYRAR IRYASTTNLR IYVTVAGERI FAGQFNKTMD TGDPLTFQSF SYATINTAFTFPMSQSSFTV GADTFSSGNE VYIDRFELIP VTATFEAEYD LERAQKAKLA AALE
<b>Host</b>	E.coli
<b>Purity/ Purification</b>	> <b>95% Purity</b> , purified by Ni NTA and determined by SDS-PAGE.
<b>Form</b>	Lyophilized powder. Dilute to 1 mg/mL in PBS
<b>Purification Tag</b>	C- terminus 6 X His tag
<b>Applications</b>	Cotton Research
<b>Preparation and Storage</b>	Store at -20 degree C, for extended storage
<b>ISO Certification</b>	Manufactured in an ISO 9001:20015 Certified Laboratory.

### SDS-PAGE Cry1F Toxin

