

Recombinant *Bacillus thuringiensis* pesticidal crystal protein Cry7Aa, N-6×His tagged

Cat. No. cry7Aa-01B **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant <i>Bacillus thuringiensis</i> pesticidal crystal protein Cry7Aa with N-6×His tag was expressed in <i>E. coli</i> .
Species	<i>Bacillus thuringiensis</i>
Source	<i>E. coli</i>
Molecular Mass	131.5 kDa
AA Sequence	MGSSHHHHHHSSGLVPRGSHMNLNLDGYEDSNRTLNNSLNYPTQKALSPSLKMN NYQDFLSITEREQPEALASGNTAINTVVSVTGATLSALGVPGASFITNFYLKIAGLLWP ENGIKWDEFMTEVEALIDQKIEEYVRNKAIAELDGLGSALDKYQKALADWL GKQDDP EAILSVA TEFR IIDSLFEFSMP SFKVTGYEIPLLTVYAQAANLHLALLRDSTLYGDKWG FTQNNIEENYNRQKKRISEYSDHCTKWYNSGLSRLNGSTYEQWINYNRFRREMILM ALDLVAVFPFHDPRRYSMETSTQLTREVYTD PVSL SISNPDIGPSFSQMENTAIRTPH LVDYLD ELYIYTSKYKA FSHEIQPDLFYWSAHKVSFKKSEQSNLYTTGIYGKTS GYISS GAYSFHGNDIYRTLAA PSVVVYPYTQNYGVEQVEFYGVKGHVHYRGDNKYDLTYDS IDQLPPDGEPIHEKYTHRLCHATAIFKSTPDYDNATIPFSWTHRSAEYNNRIYPNKITK IPAVKMYKLDDPSTVVKGPGFTGGDLV KRGSTGYIGDIKATVNSPLSQKYRVRVRYA TNVSGQFN VYINDKITLQTKFQNTVETIGEGKDLTYGSFGYIEYSTTIQFPDEHPKITL HLSDL SNSSFYVDSIEFIPVDVNYAEKEKLEKAQKAVNTLFTEGRNALQKDVT DYKV DQVSILVDCISGDLYPNEKRELQNLVKYAKRLSYSRNLLLDPTFDSINSSEENGWYG SNGIVIGNGDFVFKGNYLIFSGTNDTQYPTYLYQKIDESKLKEYTRYKLKGFI ESSQDL

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

EAYVIRYDAKHRTL DVSDNLLPDILPENTCGEPNRCAAQQYLDENPSPECSSMQDGI
 LSDSHSFSLNIDTGSINHNENLGIWVLFKISTLEGYAKFGNLEVIEDGPVIGEALARVK
 RQETKWRNKLAQLTTETQAIYTRAKQALDNLFANAQDSHLKRDVTFAEIAAARKIVQ
 SIREAYMSWLSVVPGVNHPITELSGRVQRAFQLYDVRNVVRNGRFLNGLSDWIVT
 SDVKVQEENGNNVLVLNNWDAQVLQNVKLYQDRGYILHVTARKIGIGEGYITITDEE
 GHTDQLRFTACEEIDASNAFISGYITKELEFFPDTEKVVHIEIGETEGIFLVESIELFLMEE
 LC

Purity > 90 % by SDS-PAGE

Storage Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Concentration 4.88 mg/mL

Storage Buffer 20 mM Tris, pH 8.0, 200 mM NaCl, 2 % Sodium deoxycholate.

GENE INFORMATION

Official Symbol Cry7Aa

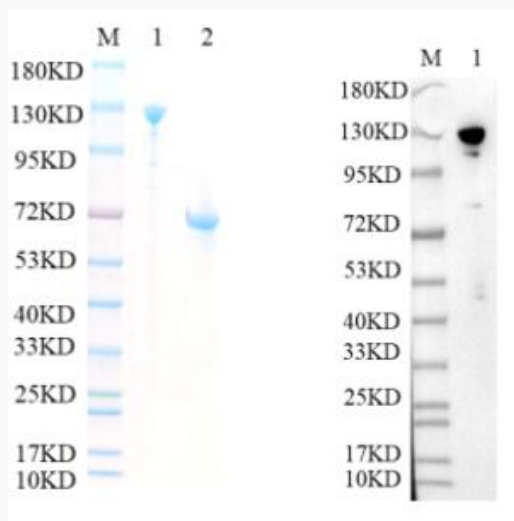
Synonyms Cry7Aa

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SDS-PAGE and WB



Lane1. AAA22351.1

Lane2. BSA

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