

## Native *Bacillus thuringiensis* Cry1Ac Protein

**Cat. No.** Cry1Ac-524    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                        |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Native <i>Bacillus thuringiensis</i> Cry1Ac protein fused with MBP tag was isolated from Bt spores                                                                                                                                                                                     |
| <b>Species</b>          | <i>Bacillus thuringiensis</i>                                                                                                                                                                                                                                                          |
| <b>Source</b>           | Bt spores                                                                                                                                                                                                                                                                              |
| <b>Description</b>      | <i>Bacillus thuringiensis</i> (Bt) is a Gram-positive, soil-dwelling bacterium, which produces the Cry toxin. The Cry toxin has insecticidal action which has led to its use as a pesticide, and in more recent years its introduction into genetically modified crops using Bt genes. |
| <b>Form</b>             | 10 ug/ml Tris, pH 7.4, with 0.1% BSA.                                                                                                                                                                                                                                                  |
| <b>Molecular Mass</b>   | 130 KDa                                                                                                                                                                                                                                                                                |
| <b>Purity</b>           | ELISA grade                                                                                                                                                                                                                                                                            |
| <b>Applications</b>     | ELISA                                                                                                                                                                                                                                                                                  |
| <b>Notes</b>            | Optimal conditions to be determined by end user                                                                                                                                                                                                                                        |
| <b>Storage</b>          | Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.                                                                                                                                                                                                                         |
| <b>Concentration</b>    | 10 ug/ml                                                                                                                                                                                                                                                                               |

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