

# Bacillus thuringiensis Cry1Ac Protein (His Tag)

Catalog Number: 12008-A07E



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## General Information

### Gene Name Synonym:

Cry1ac

### Protein Construction:

A DNA sequence encoding the bacillus Cry1ac (AAU87037.1) (Met1-Glu1178) was expressed with a polyhistidine tag at the N-terminus.

**Source:** Bacillus thuringiensis

**Expression Host:** E. coli

## QC Testing

**Purity:** > 85 % as determined by SDS-PAGE

### Endotoxin:

Please contact us for more information.

**Predicted N terminal:** Met

### Molecular Mass:

The recombinant bacillus Cry1ac consists of 1189 amino acids and predicts a molecular mass of 134.9 kDa.

### Formulation:

Lyophilized from sterile 50 mM Na<sub>2</sub>CO<sub>3</sub>, 10 mM DTT, pH 9.5.

Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA. Please contact us for any concerns or special requirements.

## Usage Guide

### Stability & Storage:

Samples are stable for twelve months from date of receipt at -20°C to -80°C.

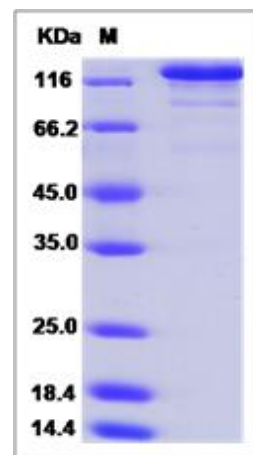
Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

**Avoid repeated freeze-thaw cycles.**

### Reconstitution:

Detailed reconstitution instructions are sent along with the products.

## SDS-PAGE:



**For Research Use Only. Not for use in diagnostic or therapeutic procedures.**

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