

# Bacillus thuringiensis Cry1ac (His Tag) recombinant protein



Catalog Number: 504882

## General Information

134.9 kDa.

## Protein Construction

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

## Formulation

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

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

## Usage Guide

## Organism

Bacillus thuringiensis

## Storage

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

## Expression Host

E. coli

## Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

## QC Testing

## Purity

> (81.2+6.2) % as determined by SDS-PAGE.

## Endotoxin

Please contact us for more information.

## SDS-PAGE

## Stability

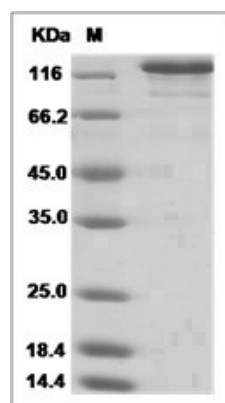
Samples are stable for up to twelve months from date of receipt at -70°C

## Predicted N terminal

Met

## Molecular Mass

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



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