

Bacillus thuringiensis Cry1Ac Protein (His Tag)

Catalog Number: 12008-A07E



Sino Biological
Biological Solution Specialist

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

Endotoxin:

Please contact us for more information.

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 134.9 kDa.

Formulation:

Lyophilized from sterile 50 mM Na₂CO₃, 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

Storage:

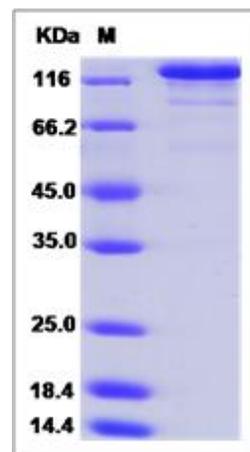
Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

Avoid repeated freeze-thaw cycles.

Reconstitution:

Detailed reconstitution instructions are sent along with the products.

SDS-PAGE:



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