

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.

Organism

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

Formulation

Lyophilized from sterile 50 mM Na₂CO₃, 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

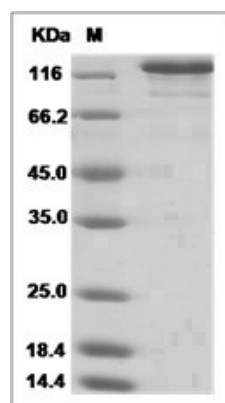
Storage

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.

Reconstitution

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

SDS-PAGE



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