AcMNPV (His Tag) recombinant protein

Catalog Number: 504397

General Information

Protein Construction

A DNA sequence encoding the autographa californica nucleopolyhedrovirus (AcNPV)(strain E2) gp64 (NP_054158.1) (Met1-Thr481) was expressed with a polyhistidine tag at the C-terminus.

Organism

AcMNPV

Expression Host

Baculovirus-Insect Cells

QC Testing

Purity

> 95 % as determined by SDS-PAGE.

Endotoxin

<1.0 EU per µg protein as determined by the LAL method.

Stability

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

Predicted N terminal

Ala 21

Molecular Mass

The recombinant autographa californica nucleopolyhedrovirus (AcNPV)(strain E2) gp64 consists of 472 amino acids and predicts a molecular mass of 54.2 kDa.

Formulation

Lyophilized from sterile 20 mM Tris, 500 mM NaCl, 10 % glycerol,pH 7.5.
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℃ to -80℃. 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

AcmNPV Envelope glycoprotein gp64 / AcmNPV-gp64 Protein (His Tag)