

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°C

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

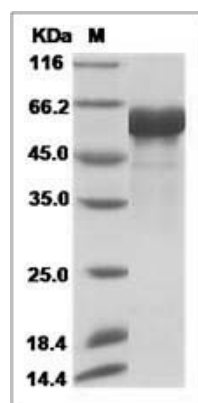
Storage

Store it under sterile conditions at -20°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



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