



# Recombinant AcmNPV gp64 Protein [His] (DAGC752)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	A DNA sequence encoding the <i>autographa californica</i> nucleopolyhedrovirus (AcNPV)(strain E2) gp64 (NP_054158.1) (Met1-Thr481) was expressed with a polyhistidine tag at the C-terminus.
<b>Species</b>	AcNPV
<b>Purity</b>	> 95 % as determined by SDS-PAGE
<b>Conjugate</b>	His
<b>Applications</b>	SDS-PAGE
<b>Predicted N terminal</b>	Ala 21
<b>Molecular Weight</b>	The recombinant <i>autographa californica</i> nucleopolyhedrovirus (AcNPV)(strain E2) gp64 consists of 472 amino acids and predicts a molecular mass of 54.2 kDa.
<b>Endotoxin</b>	< 1.0 EU per µg protein as determined by the LAL method
<b>Format</b>	Lyophilized
<b>Size</b>	100 µg
<b>Buffer</b>	Lyophilized from sterile 20 mM Tris, 500 mM NaCl, 10 % glycerol, pH 7.5.
<b>Preservative</b>	None
<b>Storage</b>	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.

## BACKGROUND

**Introduction**

gp64 is an envelope protein of the baculovirus *Autographa californica* (AcMNPV). It is a phosphoglycoprotein which is located on the surface of both infected cells and budded virions. It is suggested that the virus entry into cells is primarily by the endo.

**Keywords**

AcMNPV gp64; AcMNPV; AcMNPV Envelope gp64; AcMNPV Envelope; AcNPV; AcNPV gp64