

## AcMNPV(gp64) Recombinant Protein, His Tag

Cat No:HR4S0045

For research use only

### Overview

|                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Quantity           |                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Gene Symbol        |                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Gene ID            |                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Accession          |                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Alternative Name   |                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Species            |                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Source             | Baculovirus-Insect Cells                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Description        | The recombinant AcMNPV Envelope glycoprotein gp64 (His Tag) is expressed in Baculovirus-Insect Cells. It has applications in vaccine development, gene therapy, protein expression, and structural studies. This protein is crucial for its role in the baculovirus expression system, aiding in the production of recombinant proteins, delivering therapeutic genes, and providing insights into viral entry mechanisms and potential antiviral targets. |
| Functions          |                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Formulation        | Lyophilized from sterile 20mM Tris, 300mM NaCl, pH 7.5, 10% Glycerol. Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization.                                                                                                                                                                                                                                                                              |
| Solubility         |                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Appearance         | Lyophilized powder                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Molecular Weight   | 54.2 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Purity             | >95% (SDS-PAGE)                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Concentration      |                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Shipping Condition |                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Storage Condition  | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                                                                                                                                                             |