# Recombinant Influenza A H1N1 (A/Victoria/2454/2019) NP protein(Met1-Asn498), His-tagged

**Cat. No.** NP-3281V **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Recombinant Influenza A H1N1 (A/Victoria/2454/2019) NP protein(Met1-Asn498), fused with His tag, was expressed in Insect Cells. |
| **Species** | Influenza A H1N1 (A/Victoria/2454/2019) |
| **Source** | Insect Cells |
| **ProteinLength** | Met1-Asn498 |
| **Form** | Lyophilized from sterile 20mM Tris, 500mM NaCl, 10%glycerol, pH8.0.Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA. |
| **Molecular Mass** | The recombinant Influenza A H1N1 (A/Victoria/2454/2019) Nucleoprotein consists of 509 amino acids and predicts a molecular mass of 57.52 kDa. It migrates as an approximately 56.47 kDa band in SDS-PAGE under reducing conditions. |
| **Endotoxin** | < 1.0 EU per μg protein as determined by the LAL method. |
| **Purity** | > 95 % as determined by SDS-PAGE. |
| **Storage** | Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein |

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| | be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. |
| **Reconstitution** | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents. |

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