

# Recombinant Influenza A H1N1 (A/Hawaii/70/2019) NP protein, His-tagged

Cat. No. NP-0388H Lot. No. (See product label)

## SPECIFICATION

### Product Overview

Recombinant Influenza A H1N1 (A/Hawaii/70/2019) NP protein(Met1-Asn498)(EPI1617976), fused with His tag, was expressed in Insect Cells.

### Species

Influenza A H1N1 (A/Hawaii/70/2019)

### Source

Insect Cells

### ProteinLength

Met1-Asn498

### Form

Lyophilized from sterile 20 mM Tris, 500 mM NaCl, 10 % glycerol, pH 8.0. 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 nucleoprotein of Influenza A virus (A/Hawaii/70/2019 (H1N1)) consists of 509 amino acids and predicts a molecular mass of 57.5 kDa.

### 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 be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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**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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