

# H1N1 Influenza NS2 (A/Puerto Rico/8/34/Mount Sinai) recombinant protein



Catalog Number: 504621

## General Information

### Protein Construction

A DNA sequence encoding the influenza A H1N1 Virus (A/Puerto Rico/8/34/Mount Sinai) NS2 protein (P03508.1) (Met 1-Ile 121) was expressed, with a polyhistidine tag at the N-terminus.

### Organism

H1N1

### Expression Host

E. coli

## QC Testing

### Purity

> 95 % as determined by SDS-PAGE

### Endotoxin

Please contact us for more information.

### Stability

Samples are stable for up to twelve months from date of receipt at -70°C

### Predicted N terminal

Met 1

### Molecular Mass

The recombinant influenza A H1N1 Virus (A/Puerto Rico/8/34/Mount Sinai) NS2 protein comprises 121 amino acids and has a predicted molecular mass of 14.4 kDa. It migrates as an

approximately 13 kDa band in SDS-PAGE under reducing conditions.

### Formulation

- Lyophilized from sterile 20mM HEPES, 1mM EDTA, pH 7.0
1. 5 % trehalose and mannitol are added as protectants before lyophilization.
  2. Please contact us for any concerns or special requirements.

## Usage Guide

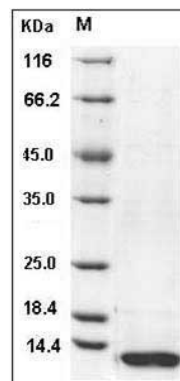
### Storage

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



Influenza A H1N1 (A/Puerto Rico/8/34/Mount Sinai) Non-structural Protein 2 / NS2 SDS-PAGE