

# H1N1 HA recombinant protein (C-His)



Catalog Number: 514891

## General Information

### Protein Construction

A DNA sequence encoding the Influenza A virus (A/Fort Monmouth/1/1947) (H1N1) hemagglutinin (ABD77807.1) (Met1-Gln529), termed as HA, was expressed with a polyhistidine tag at the C-terminus.

### Organism

H1N1

### Expression Host

Baculovirus-Insect Cells

## QC Testing

### Purity

> 90 % as determined by SDS-PAGE.

### Endotoxin

<1.0 EU per µg protein as determined by the LAL method.

### Stability

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

### Predicted N terminal

Asp 18

### Molecular Mass

The recombinant hemagglutinin of Influenza A virus (A/Fort Monmouth/1/1947) (H1N1) consists of 523 amino acids and predicts a molecular mass

of 59.3 kDa.

### Formulation

Lyophilized from sterile pH 8.0, 20 mM Tirs, 500 mM NaCl, 10 % gly.

1. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA.

2. Please contact us for any concerns or special requirements.

## Usage Guide

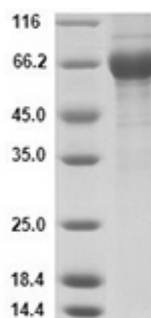
### Storage

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

A hardcopy of COA with reconstitution instruction is sent along with the products. Please refer to it for detailed information.

### SDS-PAGE



Influenza A H1N1 (A/Fort Monmouth/1/1947)  
Hemagglutinin / HA Protein (His Tag)