# H2N2 HA (His Tag) recombinant protein

Catalog Number: 503274



## **General Information**

## **Protein Construction**

A DNA sequence encoding the Influenza A virus (A/Canada/720/2005(H2N2)) hemagglutinin (AAY28987.1) (Met1-Gln525), termed as HA, was expressed with a polyhistidine tag at the C-terminus.

## **Organism**

H2N2

# **Expression Host**

**Baculovirus-Insect Cells** 

# **QC Testing**

## **Activity**

Measured by its ability to agglutinate guinea pig red blood cells.

HA titer is 0.05-2µg/mL for 1%GRBC

## **Purity**

> 95 % as determined by SDS-PAGE.

#### **Endotoxin**

< 1.0 EU per  $\mu$ g protein as determined by the LAL method.

## **Stability**

Samples are stable for up to twelve months from date of receipt at -70  $^{\circ}$ C

## Predicted N terminal

Asp 16

## **Molecular Mass**

The recombinant hemagglutinin of Influenza A virus (A/Canada/720/2005(H2N2)) consists 521 amino acids and predicts a molecular mass of 59 kDa.

## **Formulation**

Lyophilized from sterile 20 mM Tris, 500 mM NaCl, 10 % glycerol, pH 8.0.

- 1. 5 % trehalose and mannitol are added as protectants before lyophilization.
- 2. Please contact us for any concerns or special requirements.

# **Usage Guide**

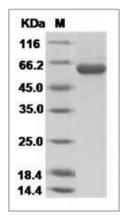
## **Storage**

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 H2N2 (A/Canada/720/2005) Hemagglutinin / HA Protein (His Tag)