

# Influenza A H3N2 (A/X-31) Hemagglutinin / HA Protein (His Tag)

Catalog Number: 40059-V08H



**Sino Biological Inc.**  
Biological Solution Specialist

## General Information

### Gene Name Synonym:

C-BAS/HAS; C-H-RAS; C-HA-RAS1; CTLO; H-RASIDX; HAMSV; Hemagglutinin; HRAS1; influenza HA; p21ras; RASH1; AF093576; AI451697; ha; ihj; nmf4; sph; Spna-1; Spna1

### Protein Construction:

A DNA sequence encoding the influenza A virus (A/X-31 (H3N2)) hemagglutinin (P03438) (Met1-Trp530), termed as HA, was fused with a polyhistidine tag at the C-terminus.

**Source:** H3N2

**Expression Host:** Human Cells

## QC Testing

**Purity:** > 95 % as determined by SDS-PAGE

### Endotoxin:

< 1.0 EU per µg of the 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:** Gln 17

### Molecular Mass:

The secreted recombinant HA subunit of influenza A virus (A/X-31 (H3N2)) comprises 525 amino acids and has a predicted molecular mass of 59.1 kDa. It migrates as approximately 71.3 kDa band in SDS-PAGE under reducing conditions.

### Formulation:

Lyophilized from sterile PBS, pH 7.4.

Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA. Please contact us for any concerns or special requirements.

## Usage Guide

### Storage:

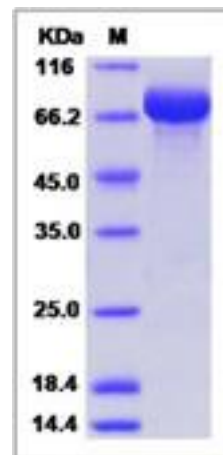
Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

**Avoid repeated freeze-thaw cycles.**

### Reconstitution:

Detailed reconstitution instructions are sent along with the products.

## SDS-PAGE:



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**Fax :+86-10-51029969 • Tel:+86-400-890-9989 • <http://www.sinobiological.com>**