

# Influenza A H9N2 (A/Hong Kong/35820/2009) Hemagglutinin / HA Protein (His Tag)

Catalog Number: 40174-V08B



**Sino Biological Inc.**  
Biological Solution Specialist

## General Information

### Gene Name Synonym:

C-BAS/HAS; C-H-RAS; C-HA-RAS1; CTLO; H-RASIDX; HAMSU;  
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/Hong Kong/35820/2009(H9N2)) hemagglutinin (ADC41853.1) (Met1-Lys523) was expressed with a C-terminal polyhistidine tag.

**Source:** H9N2

**Expression Host:** Baculovirus-Insect cells

## QC Testing

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

### Bio Activity:

**1. Measured by its ability to bind with Neu5Aca2-3Galb1-4GlcNAcb-PAA-biotin (01-077) using the Octet RED System. 2. Measured by its ability to bind with Neu5Aca2-6GalNAca-PAA-biotin (01-059) using the Octet RED System. 3. Measured by its ability to agglutinate guinea pig red blood cells. HA titer is 0.2-0.8 ng/mL for 1% GRBC.**

### 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:** Asp 19

### Molecular Mass:

The recombinant hemagglutinin of Influenza A virus (A/Hong Kong/35820/2009(H9N2)) comprises 516 amino acids and has a predicted molecular mass of 58.5 kDa. The apparent molecular mass of the protein is approximately 59.6 kDa in SDS-PAGE under reducing conditions.

### Formulation:

Lyophilized from sterile 20 mM Tris, 500 mM NaCl, 10 % glycerol, pH 8.5.

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:

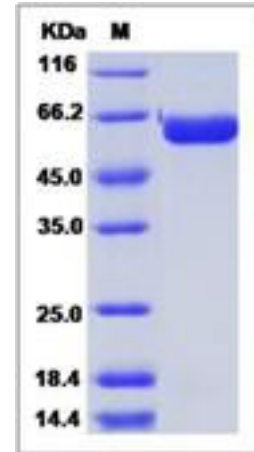
Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

**Avoid repeated freeze-thaw cycles.**

### Reconstitution:

Detailed reconstitution instructions are sent along with the products.

## SDS-PAGE:



**Manufactured By Sino Biological Inc., FOR RESEARCH USE ONLY. NOT FOR USE IN HUMANS.**

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