

# Influenza A H13N6 (A/black-headed gull/Sweden/1/1999) Hemagglutinin / HA Protein (His Tag)

Catalog Number: 40190-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/black-headed gull/Sweden/1/1999(H13N6)) hemagglutinin (AAV91213.1) (Met1-Arg342), termed as HA1, was expressed with a polyhistidine tag at the C-terminus.

**Source:** H13N6

**Expression Host:** Baculovirus-Insect Cells

## QC Testing

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

### Bio Activity:

**Measured by its ability to agglutinate guinea pig red blood cells. HA titer is 0.1-0.5µg/mL for 1%GRBC.**

### 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 19

### Molecular Mass:

The recombinant HA1 subunit of Influenza A virus (A/black-headed gull/Sweden/1/1999(H13N6)) consists 335 amino acids and predicts a molecular mass of 37.3 kDa.

### Formulation:

Lyophilized from sterile 20 mM Tris, 500 mM NaCl, 10 % glycerol, 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:

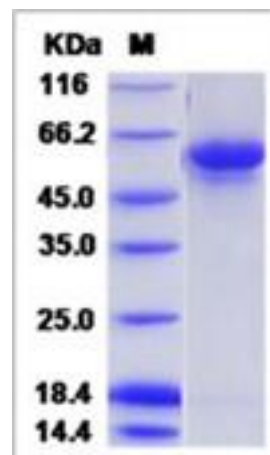
Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

**Avoid repeated freeze-thaw cycles.**

### Reconstitution:

Detailed reconstitution instructions are sent along with the products.

## SDS-PAGE:



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