# Influenza A H1N1 (A/Texas/36/1991) Hemagglutinin / HA Protein (His Tag)

**Catalog Number:** **40132-V08B**

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/Texas/36/1991(H1N1)) hemagglutinin (ACF41933.1) (Met1-Gln529), termed as HA, was expressed with a polyhistidine tag at the C-terminus.

**Source:** H1N1

**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 0.01-0.05 μg/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 ℃

**Predicted N terminal:** Asp 18

**Molecular Mass:**

The recombinant hemagglutinin of Influenza A virus (A/Texas/36/1991(H1N1)) consists 523 amino acids and predicts a molecular mass of 59.1 kDa.

**Formulation:**

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

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℃ to -80℃ 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:**

