# Influenza A H7N9 (A/Shanghai/1/2013) Hemagglutinin / HA Protein (HA1+HA2, cleavage) (His Tag)

**Catalog Number:** 40104-V08H4

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## 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/Shanghai/1/2013(H7N9)) hemagglutinin (Met1-Val524) (cleavage between Arg339 and Gly440, HA1+HA2) was expressed with a C-terminal polyhistidine tag.

**Source:** H7N9

**Expression Host:** Human Cells

## QC Testing

**Purity:** (14.6+44.8+39.6) % 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 ℃

**Predicted N terminal:** Asp 19

**Molecular Mass:**

The recombinant hemagglutinin of Influenza A virus (A/Shanghai/1/2013 (H7N9)) comprises 517 amino acids and has a predicted molecular mass of 57.7 kDa. The apparent molecular mass of the protein is approximately 67, 43 and 30 kDa 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℃ 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:**

