

Influenza A H7N9 (A/Pigeon/Shanghai/S1069/2013) Hemagglutinin Protein (HA1 Subunit) (His Tag)

Catalog Number: 40106-V08H1



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/Pigeon/Shanghai/S1069/2013(A/H7N9)) hemagglutinin (Met1-Gly338),
termed as HA1, was expressed with a C-terminal polyhistidine tag.

Source: H7N9

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: Asp 19

Molecular Mass:

The recombinant HA1 subunit of Influenza A virus
(A/Pigeon/Shanghai/S1069/2013(A/H7N9)) hemagglutinin comprises 331
amino acids and has a predicted molecular mass of 36.2 kDa. The
apparent molecular mass of the protein is approximately 38-47 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:

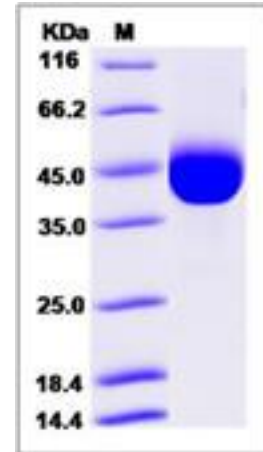
Store it under sterile conditions at -20°C to -80°C upon receiving.
Recommend to aliquot the protein into smaller quantities for optimal
storage.

Avoid repeated freeze-thaw cycles.

Reconstitution:

Detailed reconstitution instructions are sent along with the products.

SDS-PAGE:



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