Influenza A H5N8 (A/broiler duck/Korea/Buan2/2014(Buan2)) Hemagglutinin / HA1 Protein (His Tag)

Catalog Number: 40384-V08H2

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/broiler duck/Korea/Buan2/2014(H5N8)) hemagglutinin (AHL21407.1) (Met1-Arg345), termed as HA1, was expressed with a polyhistidine tag at the C-terminus.

Source: H5N8

Expression Host: Human Cells

QC Testing

Purity: > 90 % as determined by SDS-PAGE.

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 17

Molecular Mass:

The recombinant HA1 subunit of the Influenza A virus (A/broiler duck/Korea/Buan2/2014(H5N8)) hemagglutinin consists of 340 amino acids and predicts a molecular mass of 38.8 kDa.

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:

