Influenza A H5N1 (A/Anhui/1/2005) Hemagglutinin Protein (HA1 Subunit)

Catalog Number: **11048-VNAH2**

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 the N-terminal segment (Met 1-Pro 337) of Influenza A virus H5N1 hemagglutinin (A/Anhui/1/2005 (H5N1)) (ABD 28180.1), termed as HA1, was expressed.

Source: H5N1

Expression Host: Human Cells

QC Testing

Purity: > 94 % 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 17

Molecular Mass:

The recombinant HA1 subunit of influenza A virus H5N1 hemagglutinin (A/Anhui/1/2005 (H5N1)) comprises 321 amino acids with the predicted molecular mass of 36 kDa. As a result of glycosylation, it migrates as an approximately 50 kDa band 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:

