Influenza A H3N2 (A/Wyoming/03/2003) Hemagglutinin / HA Protein (His Tag)

Catalog Number: **11715-V08H**

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 extracellular domain (Met 1-Trp 530) of the influenza A H3N2 hemagglutinin (A/Wyoming/03/2003 (H3N2)) (ABX10525.1) (HA1+HA2, uncleaved) was expressed, fused with a C-terminal polyhistidine tag.

Source: H3N2

Expression Host: Human Cells

QC Testing

Purity: > 92 % as determined by SDS-PAGE

Bio Activity:

Measured by its ability to agglutinate guinea pig red blood cells. HA titer is 4-20 μg/mL for 1% GRBC.

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: Gln 17

Molecular Mass:

The secreted recombinant influenza A H3N2 HA (A/Wyoming/03/2003 (H3N2)) comprises 525 amino acids and has a predicted molecular mass of 59 kDa. As a result of glycosylation, it migrates as an approximately 80-90 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:

