Influenza A H1N1 (A/Brisbane/59/2007) Hemagglutinin Protein (HA1 Subunit) (His Tag)

Catalog Number: 11052-V08H1

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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 an N-terminal segment (Met 1-Arg 343) of Influenza A virus (A/Brisbane/59/2007 (H1N1)) (ACA28844.1) HA, termed as HA1 subunit, was fused with a polyhistidine tag at the C-terminus.

Source: H1N1

Expression Host: Human Cells

QC Testing

Purity: > 98 % 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 18

Molecular Mass:

Recombinant HA1 subunit of Influenza A virus (A/Brisbane/59/2007 (H1N1)) hemagglutinin consists of 337 amino acids and has a calculated molecular mass of 37.7 kDa. As a result of glycosylation, the recombinant protein migrates as an approximately 55-60 kDa protein 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:

