Influenza A H1N1 (A/Ohio/07/2009) Hemagglutinin / HA Protein (His Tag)

Catalog Number: 40007-V08H

General Information

Gene Name Synonym:
HA

Protein Construction:
A DNA sequence encoding the extracellular domain of the influenza A H1N1 (A/Ohio/07/2009 (H1N1)) hemagglutinin (ACQ63286.1) (Met 1-Gln 529, HA1+HA2, uncleaved), was fused with a C-terminal polyhistidine tag.

Source: H1N1

Expression Host: HEK293 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 18

Molecular Mass:
The secreted recombinant influenza A H1N1 hemagglutinin (A/Ohio/07/2009 (H1N1)) comprises 523 amino acids and has a predicted molecular mass of 59 kDa. As a result of glycosylation, the apparent molecular mass of the protein is approximately 70-80 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.