

Influenza A H7N9 (A/Anhui/1/2013) Matrix protein 1 / M1 Protein (His Tag)

Catalog Number: 40107-V08E



Sino Biological
Biological Solution Specialist

General Information

Gene Name Synonym:

M1

Protein Construction:

A DNA sequence encoding the Influenza A virus (A/Anhui/1/2013(H7N9)) Matrix protein 1 (EPI439506) (Met1-Lys252) was expressed with a C-terminal polyhistidine tag.

Source: H7N9

Expression Host: E. coli

QC Testing

Purity: > 85 % as determined by SDS-PAGE

Endotoxin:

Please contact us for more information.

Stability:

Samples are stable for up to twelve months from date of receipt at -70 °C

Predicted N terminal: Met

Molecular Mass:

The recombinant Matrix protein 1 of Influenza A virus (A/Anhui/1/2013(H7N9)) comprises 258 amino acids and has a predicted molecular mass of 28.5 kDa. The apparent molecular mass of the protein is approximately 26-30 kDa in SDS-PAGE under reducing conditions.

Formulation:

Lyophilized from sterile 20 mM tris, 0.5 mM EDTA, 5% glycerol, 50 mM NaCl, pH 7.6.

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:

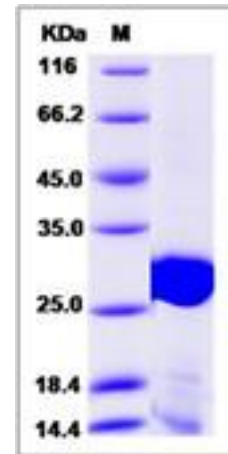
Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

Avoid repeated freeze-thaw cycles.

Reconstitution:

Detailed reconstitution instructions are sent along with the products.

SDS-PAGE:



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