

# Recombinant Influenza A H7N9 (A/Anhui/1/2013) M1 protein, His-tagged

**Cat. No.** M1-0378H    **Lot. No.** (See product label)

## SPECIFICATION

**Product Overview**

Recombinant Influenza A H7N9 (A/Anhui/1/2013) M1 protein(Met1-Lys252)(EPI439506), fused with His tag, was expressed in E. coli.

**Species**

Influenza A H7N9 (A/Anhui/1/2013)

**Source**

E.coli

**ProteinLength**

Met1-Lys252

**Form**

Lyophilized from sterile 20 mM tris, 0.5 mM EDTA, 5% glycerol, 50 mM NaCl, pH 7.6. Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.

**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.

**Purity**

> 85 % as determined by SDS-PAGE

**Storage**

Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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 45-1 Ramsey Road, Shirley, NY 11967, USA



**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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