

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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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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