

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

Cat. No. M1-633V Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Influenza A virus (A/Anhui/1/2013(H7N9)) Matrix protein 1 (EPI439506) (Met1-Lys252) was expressed with a C-terminal polyhistidine tag.
<b>Species</b>	H7N9
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-252 a.a.
<b>Predicted N Terminal</b>	Met
<b>Form</b>	Lyophilized from sterile 20 mM tris, 0.5 mM EDTA, 5% glycerol, 50 mM NaCl, pH 7.6, 5%~8% trehalose and mannitol.
<b>Molecular Mass</b>	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.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Purity</b>	>85 % as determined by SDS-PAGE.
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -70°C.

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**Storage**

Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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