Recombinant H3N2 (A/Aichi/2/1968) M1 Protein, His-tagged

Cat. No. M1-722V **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant influenza A virus (A/Aichi/2/1968(H3N2)) matrix protein 1 (AFM71858.1) (Met1-Lys252), termed as M1, was fused with a N-terminal polyhistidine tag.
Species	H3N2
Source	E.coli
ProteinLength	1-252 a.a.
Predicted N Terminal	His
Form	Lyophilized from sterile 1mM EDTA, 50mM Tris, 50mM NaCl, 5% glycerol, 5%~8% trehalose and mannitol.
Molecular Mass	The recombinant M1 subunit of influenza A H3N2 consists of 268 amino acids and has a predicted molecular mass of 30 kDa. It migrates as an approximately 35 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Purity	>85 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70ºC.
Storage	Store it under sterile conditions at -20ºC~-70ºC. It is recommended that the protein be

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	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℃ before opening to recover the entire contents.

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