Recombinant H1N1 (A/Brevig Mission/1/1918) M1 Protein, His-tagged

Cat. No. M1-721V **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant influenza A virus (A/Brevig?Mission/1/ 1918(H1N1)) matrix protein 1(Q8BAC3.1) (Met1-Lys252), termed as M1, was fused with a N-terminal polyhistidine tag.
Species	H1N1
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 H1N1 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	>90 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70ºC.

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Storage	Store it under sterile conditions at -20ºC~-70ºC. 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℃ before opening to recover the entire contents.

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