Recombinant H1N1 (A/Puerto Rico/8/34/Mount Sinai) M1 Protein, His-tagged

Cat. No. M1-804V **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant influenza A H1N1 Virus (A/Puerto Rico/8/34/Mount Sinai) M1 protein (NP_040978.1) (Ser 2-Lys 252) was expressed, with a polyhistidine tag at the N-terminus.
Species	H1N1
Source	E.coli
ProteinLength	2-252 a.a.
Predicted N Terminal	Met
Form	Lyophilized from sterile 20mM tris, 0.5mM DTT, 0.5mM EDTA, 5% glycerol, 50mM NaCl, pH 7.6, 5% ~ 8% trehalose and mannitol.
Molecular Mass	The recombinant influenza A H1N1 Virus (A/Puerto Rico/8/34/Mount Sinai) M11 protein comprises 262 amino acids and has a predicted molecular mass of 29.3 kDa. It migrates as an approximately 29 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

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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 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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