

Recombinant H1N1 (A/Puerto Rico/8/34/Mount Sinai) NS1 Protein, His-tagged

Cat. No. NS1-805V **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant influenza A H1N1 Virus (A/Puerto Rico/8/34/Mount Sinai) NS1 protein (C8XP22) (Asp 2-Val 230) was expressed, with a polyhistidine tag at the N-terminus.
Species	H1N1
Source	E.coli
ProteinLength	2-230 a.a.
Predicted N Terminal	Met
Form	Lyophilized from sterile PBS, 5% glycerol, pH 8.0, 5% ~ 8% trehalose and mannitol.
Molecular Mass	The recombinant influenza A H1N1 Virus (A/Puerto Rico/8/34/Mount Sinai) NS1 protein comprises 240 amino acids and has a predicted molecular mass of 27.2 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	>95 % as determined by SDS-PAGE
Stability	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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