

Recombinant H1N1 (A/Puerto Rico/8/34/Mount Sinai) NS2 Protein

Cat. No. NS2-806V **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant influenza A H1N1 Virus (A/Puerto Rico/8/34/Mount Sinai) NS2 protein (P03508.1) (Met 1-Ile 121) was expressed, with a polyhistidine tag at the N-terminus.
Species	H1N1
Source	E.coli
ProteinLength	1-121 a.a.
Predicted N Terminal	Met 1
Form	Lyophilized from sterile 20mM HEPES, 1mM EDTA, pH 7.0, 5% ~ 8% trehalose and mannitol.
Molecular Mass	The recombinant influenza A H1N1 Virus (A/Puerto Rico/8/34/Mount Sinai) NS2 protein comprises 121 amino acids and has a predicted molecular mass of 14.4 kDa. It migrates as an approximately 13 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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