

Recombinant H1N1 NP, His-tagged

Cat. No. NP-417H Lot. No. (See product label)

SPECIFICATION

Product Overview	A DNA sequence encoding the Influenza A virus (A/Brevig Mission/1/1918(H1N1)) nucleoprotein (Q5UEW0.1) (Met1-Asn498) was expressed with a C-terminal polyhistidine tag.
Species	H1N1
Source	Insect Cells
ProteinLength	Met1-Asn498
Form	Lyophilized from sterile PBS, pH7.4.
Molecular Mass	The recombinant nucleoprotein of Influenza A virus (A/Brevig Mission/1/1918(H1N1)) comprises 509 amino acids and has a predicted molecular mass of 57.7 kDa. The apparent molecular mass of the protein is approximately 56.6 kDa 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
Storage	Store it under sterile conditions at -70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution Hardcopy of COA with reconstitution instruction is sent along with the products.

GENE INFORMATION

Gene Name NP?nucleocapsid protein [?Influenza A virus (A/Puerto Rico/8/1934(H1N1))]

Official Symbol NP

Synonyms NP; nucleocapsid protein

Gene ID [956531](#)

Protein Refseq [NP_040982](#)

Chromosome Location segment: segment 5

Pathway Assembly of Viral Components at the Budding Site; Entry of Influenza Virion into Host Cell via Endocytosis; Fusion and Uncoating of the Influenza Virion

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