



Recombinant IAV H1N1 (A/Puerto Rico/8/34/Mount Sinai) Nucleoprotein [His] (DAG-H10087)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	A DNA sequence encoding the Influenza A virus (A/Puerto Rico/8/34/Mount Sinai (H1N1)) nucleoprotein (AAM75159.1) (Met1-Gly490) was fused with a polyhistidine tag at the C-terminus.
Species	IAV
Purity	> 97 % as determined by SDS-PAGE
Conjugate	His
Molecular Weight	The recombinant Influenza A virus (A/Puerto Rico/8/34/Mount Sinai (H1N1)) nucleoprotein comprises 501 amino acids and has a predicted molecular mass of 56.6 kDa. It migrates as an approximately 50 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Format	Lyophilized from sterile 60mM Tris, 500mM NaCl, pH 7.41. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Size	10.0 µg, 50.0 µg, 100.0 µg
Preservative	None
Storage	Samples are stable for up to twelve months from date of receipt at -70°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

BACKGROUND

Keywords

Influenzavirus A; Influenza A virus; Influenza A virus H1N1 NP;H1N1 NP; IAV NP
