

Recombinant H1N1 (A/Puerto Rico/8/34) HA Protein, His-tagged

Cat. No. HA-333V **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant extracellular domain (Met 1-Gln 528) of the influenza A hemagglutinin (A/Puerto Rico/8/34 (H1N1)) (ABD77675.1), was expressed, fused with a C-terminal polyhistidine tag.
Species	H1N1
Source	HEK293
ProteinLength	1-528 a.a.
Predicted N Terminal	Asp 18
Form	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
Molecular Mass	The secreted recombinant influenza A H1N1 (A/Puerto Rico/8/1934 (H1N1)) HA comprises 522 amino acids and has a predicted molecular mass of 59 kDa. As a result of glycosylation, it migrates as an approximately 60-70 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.
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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