

# Recombinant H1N1 (A/Puerto Rico/8/1934) HA ( $\Delta$ TM) Protein, His-tagged

**Cat. No.** HA-1869H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant H1N1 (A/Puerto Rico/8/1934) HA ( $\Delta$ TM) Protein ABD77675.1 (Met1-Gln528) was expressed in HEK293, fused with a C-terminal polyhistidine tag.
<b>Species</b>	H1N1
<b>Source</b>	HEK293
<b>Protein Length</b>	Met1-Gln528
<b>Form</b>	Lyophilized from sterile 20mM Tris, 150mM NaCl, 0.1M Arginase, 0.1M glutamic acid, 10% Glycine, 0.01% tween20, pH8.5
<b>Molecular Mass</b>	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.
<b>Endotoxin</b>	< 1.0 EU per $\mu$ g of the protein as determined by the LAL method
<b>Purity</b>	> 85 % as determined by SDS-PAGE.
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°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.

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**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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