

## Recombinant H1N1 (A/New York/18/2009) HA Protein, His-tagged

**Cat. No.** HA-802V    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant extracellular domain of the influenza A H1N1 (A/New York/18/2009 (H1N1)) hemagglutinin (ACU13097.1) (Met 1-Gln 529, HA1+HA2, uncleaved), was fused with a C-terminal polyhistidine tag.
<b>Species</b>	H1N1
<b>Source</b>	HEK293
<b>ProteinLength</b>	1-529 a.a.
<b>Predicted N Terminal</b>	Asp 18
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4, 5% ~ 8% trehalose and mannitol.
<b>Molecular Mass</b>	The secreted recombinant influenza A H1N1 hemagglutinin (A/New York/18/2009 (H1N1)) comprises 523 amino acids and has a predicted molecular mass of 59 kDa. As a result of glycosylation, the apparent molecular mass of the protein is approximately 70-80 kDa
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Purity</b>	>95 % as determined by SDS-PAGE
<b>Stability</b>	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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