

# Recombinant H1N1 (A/Swine/Wisconsin/136/1997) HA Protein, His-tagged

Cat. No. HA-779V Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Influenza A virus (A/Swine/Wisconsin/136/1997(H1N1)) hemagglutinin (AAF87275.1) (Met1-Arg344), termed as HA1, was expressed with a polyhistidine tag at the C-terminus.
<b>Species</b>	H1N1
<b>Source</b>	HEK293
<b>ProteinLength</b>	1-344 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 recombinant HA1 subunit of the Influenza A virus (A/Swine/Wisconsin/136/1997(H1N1)) hemagglutinin consists 338 amino acids and predicts a molecular mass of 37.8 kDa.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Purity</b>	>90 % 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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