

# Recombinant H7N7 (A/Netherlands/219/03) HA Protein, His-tagged

**Cat. No.** HA-296V    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant N-terminal segment (Met 8-Arg 345) of Influenza A virus (A/Netherlands/219/03 (H7N7)) hemagglutinin (AAR02640.1), termed as HA1, was fused with a polyhistidine tag at the C-terminus.
<b>Species</b>	H7N7
<b>Source</b>	HEK293
<b>ProteinLength</b>	8-345 a.a.
<b>Predicted N Terminal</b>	Asp 26
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
<b>Molecular Mass</b>	The recombinant HA1 subunit of Influenza A virus hemagglutinin (A/Netherlands/219/03 (H7N7)) comprises 331 amino acids with the predicted molecular mass of 36.4 kDa. As a result of glycosylation, it migrates as an approximately 48 kDa band in SDS-PAGE under reducing conditions.
<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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