

## Recombinant Influenza A H7N7 (A/Netherlands/219/2003) HA protein(Met8-Arg345), His-tagged

Cat. No. HA-1092V Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Influenza A virus (A/Netherlands/219/2003 (H7N7)) hemagglutinin (AAR02640.1)(Met 8-Arg 345), termed as HA1, was expressed in HEK293, fused with a polyhistidine tag at the C-terminus.
<b>Species</b>	H7N7
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met8-Arg345
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Molecular Mass</b>	The recombinant HA1 subunit of Influenza A virus hemagglutinin (A/Netherlands/219/2003 (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>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

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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 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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