

## Recombinant Influenza A H5N1 (A/Egypt/1394-NAMRU3/2007) HA protein(Met1-Ser525), His-tagged

Cat. No. HA-3343V Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Influenza A virus (A/Egypt/1394-NAMRU3/2007(H5N1)) hemagglutinin (Met1-Ser525), termed as HA, was expressed in HEK293 with a polyhistidine tag at the C-terminus.
<b>Species</b>	H5N1
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met1-Ser525
<b>Form</b>	Lyophilized from sterile 20 mM Tris, 150 mM NaCl, 0.2 M Arg, 10 % glycerol, 0.01 % tween20, pH 8.5. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Molecular Mass</b>	The recombinant hemagglutinin of the Influenza A virus (A/Egypt/1394-NAMRU3/2007(H5N1)) consists of 521 amino acids and predicts a molecular mass of 59.7 kDa.
<b>Endotoxin</b>	< 1.0 EU per µg protein as determined by the LAL method.
<b>Purity</b>	> 95 % 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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