

# Recombinant Influenza A H1N1 (A/Mexico/InDRE4114/2009) HA protein(Met1-Arg344), His-tagged

Cat. No. HA-3328V Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Influenza A virus (A/Mexico/InDRE4114/2009)(H1N1)) hemagglutinin (ACQ89903.1) (Met1-Arg344), termed as HA1, was expressed in HEK293 with a polyhistidine tag at the C-terminus.
<b>Species</b>	H1N1
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met1-Arg344
<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 the Influenza A virus (A/Mexico/InDRE4114/2009)(H1N1)) hemagglutinin consists of 338 amino acids and predicts a molecular mass of 37.7 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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