

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

Cat. No. HA-541H Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Influenza A H1N1 (A/Mexico/InDRE4114/2009) HA Protein(ACQ89903.1)(Met1-Gln529), fused with His tag, was expressed in Insect Cells.
<b>Species</b>	H1N1
<b>Source</b>	Insect Cells
<b>ProteinLength</b>	Met1-Gln529
<b>Form</b>	Lyophilized from sterile 20 mM Tris, pH 8.0, 500 mM NaCl, 10 % gly. Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
<b>Molecular Mass</b>	The recombinant hemagglutinin of Influenza A virus (A/Mexico/InDRE4114/2009)(H1 N1)) consists of 523 amino acids and predicts a molecular mass of 58.9 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

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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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