Active Recombinant H1N1 (A/California/06/2009) HA (ΔTM) Protein, His-tagged

Cat. No. HA-1863H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant H1N1 (A/California/06/2009) HA (ΔTM) Protein(ACP41935.1) (Met1-Gln529) was expressed with a polyhistidine tag at the C-terminus.
Species	H1N1
Source	Insect Cells
ProteinLength	Met1-Gln529
Form	Lyophilized from sterile 50 mM Tris, pH 8.0. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured by its ability to agglutinate guinea pig red blood cells. HA titer is 5-50 μg/mL for 1%GRBC
Molecular Mass	The recombinant hemagglutinin of Influenza A virus (A/California/06/2009) consists 523 amino acids and predicts a molecular mass of 58.9 kDa.
Endotoxin	< 1.0 EU per μg protein as determined by the LAL method.
Purity	> 90 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C

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	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.
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℃ before opening to recover the entire contents.

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