Active Recombinant Influenza A H1N1 (A/swine/Shandong/1207/2016) HA protein(Met1-Ile530), His-tagged

Cat. No. HA-3275V **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Influenza A H1N1 (A/swine/Shandong/1207/2016) HA protein(QEM24709.1)(Met1-Ile530), fused with His tag, was expressed in HEK293.
Species	Influenza A H1N1 (A/swine/Shandong/1207/2016)
Source	HEK293
ProteinLength	Met1-Ile530
Form	Lyophilized from sterile PBS, pH 7.4.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.
Bio-activity	Measured by its ability to agglutinate guinea pig red blood cells. HA titer is 1.5-15 μg/mL for 1% GRBC.
Molecular Mass	The recombinant Influenza A H1N1 (A/swine/Shandong/1207/2016) Hemagglutinin / HA consists of 524 amino acids and predicts a molecular mass of 59.09 kDa.
Endotoxin	< 1.0 EU per μg protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE.

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Storage	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.
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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