Recombinant Influenza A H2N2 (A/Japan/305/1957) HA protein(Met1-Glu338), His-tagged

Cat. No. HA-1094V **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Influenza A virus (A/Japan/305/1957(H2N2)) hemagglutinin (AAO46269.1) (Met1-Glu338), termed as HA1, was expressed in HEK293 with a C-terminal polyhistidine tag.
Species	H2N2
Source	HEK293
ProteinLength	Met1-Glu338
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant HA1 subunit of Influenza A virus (A/Japan/305/1957 (H2N2)) comprises 334 amino acids and has a predicted molecular mass of 37.5 kDa. The apparent molecular mass of the protein is approximately 49.2 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE
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

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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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