Recombinant Influenza A H7N7 (A/chicken/Netherlands/1/03) HA protein(Met1-Arg344), His-tagged

Cat. No. HA-1090V **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Influenza A virus (A/chicken/Netherlands/1/03 (H7N7)) hemagglutinin (AAR02639.1)(Met 1-Arg 344), termed as HA1, was fused with a polyhistidine tag at the C-terminus.
Species	H7N7
Source	HEK293
ProteinLength	Met1-Arg344
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/chicken/Netherlands/1/03 (H7N7)) hemagglutinin comprises 331 amino acids and has a calculated molecular mass of 36.4 kDa. It migrates as an approximtely 47 kDa band in SDS-PAGE under reducing conditions due to glycosylation.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method
Purity	> 97 % 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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