Recombinant Influenza A H7N9 (A/Pigeon/Shanghai/S1069/2013) HA protein, His-tagged

Cat. No. HA-0377H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Influenza A H7N9 (A/Pigeon/Shanghai/S1069/2013) HA protein(Met1-Val524), fused with His tag, was expressed in HEK293.
Species	Influenza A H7N9 (A/Pigeon/Shanghai/S1069/2013)
Source	HEK293
ProteinLength	Met1-Val524
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.
Molecular Mass	The recombinant hemagglutinin of Influenza A virus (A/Pigeon/Shanghai/S1069/2013(A/H7N9)) comprises 517 amino acids and has a predicted molecular mass of 57.7 kDa. The apparent molecular mass of the protein is approximately 58-69 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

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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°C before opening to recover the entire contents.

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