Recombinant Influenza A H10N7 (A/blue-winged teal/Louisiana/Sg-00073/2007) HA protein(Met1-Val525), His-tagged

Cat. No. HA-2428H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Influenza A virus (A/blue-winged teal/Louisiana/Sg-00073/2007(H10N7)) hemagglutinin (ADH96304.1) (Met1-Val525), termed as HA, was expressed in Insect Cells with a polyhistidine tag at the C-terminus.
Species	H10N7
Source	Insect Cells
ProteinLength	Met1-Val525
Form	Lyophilized from sterile 20 mM Tris, pH 8.0, 500 mM NaCl, 10 % gly. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant hemagglutinin of Influenza A virus (A/blue-winged teal/Louisiana/Sg-00073/2007(H10N7)) consists of 520 amino acids and predicts a molecular mass of 58 kDa.
Endotoxin	< 1.0 EU per μg 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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