

## Active Recombinant H7N7 (A/chicken/Netherlands/1/03) HA Protein, His-tagged

Cat. No. HA-305V Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant extracellular domain of Influenza A virus (A/chicken/Netherlands/1/03 (H7N7)) (AAR02639.1) hemagglutinin (Met 8-Phe 544) (Native, HA1+HA2) was expressed, fused with a polyhistidine tag at the C-terminus.
<b>Species</b>	H7N7
<b>Source</b>	Insect Cells
<b>ProteinLength</b>	8-544 a.a.
<b>Predicted N Terminal</b>	Asp 26
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
<b>Bio-activity</b>	1. Measured in hemagglutination test using 1% chicken erythrocyte. The HA titer is 0.1-0.5 µg/ml for 1% CRBC.2. Measured by its ability to bind with Neu5Aca2-3Galb1-4GlcNAcb-PAA-biotin (01-077) using the Octet RED System.
<b>Molecular Mass</b>	The secreted recombinant hemagglutinin of Influenza A virus (A/chicken/Netherlands/1/03 (H7N7)) comprises 530 amino acids and has a calculated molecular mass of 59.4 kDa as estimated in SDS-PAGE under reducing conditions.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.

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<b>Purity</b>	>80 % as determined by SDS-PAGE.
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -70°C.
<b>Storage</b>	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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