

# Active Recombinant H7N7 (A/Netherlands/219/03) HA Protein, His-tagged

**Cat. No.** HA-295V    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant extracellular domain of Influenza A virus (A/Netherlands/219/03 (H7N7)) (AAR02640.1) 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 by its ability to agglutinate guinea pig red blood cells. HA titer is 0.05-0.3 µg/ml for 1% GRBC2. 2. Measured by its ability to bind with Neu5Aca2-3Galb1-4GlcN Acb-PAA-biotin (01-077) using the Octet RED System.
<b>Molecular Mass</b>	The secreted recombinant hemagglutinin of influenza A virus (A/Netherlands/219/03 (H7N7)) comprises 530 amino acids and has a predicted molecular mass of 59 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>	>87 % 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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