

Active Recombinant Influenza A H7N7 (A/Netherlands/219/2003) HA protein(Met8-Phe544), His-tagged

Cat. No. HA-3221V **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Influenza A H7N7 (A/Netherlands/219/2003) HA protein(AAR02640.1)(Met8-Phe544), fused with His tag, was expressed in Insect Cells.
Species	Influenza A H7N7 (A/Netherlands/219/2003)
Source	Insect Cells
ProteinLength	Met8-Phe544
Form	Lyophilized from sterile PBS, pH 7.4Please 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.
Bio-activity	1. Measured by its ability to agglutinate guinea pig red blood cells. HA titer is 0.05-0.3 µg/ml for 1% GRBC2. Measured by its ability to bind with Neu5Aca2-3Galb1-4GlcNAc b-PAA-biotin (01-077) using the Octet RED System.
Molecular Mass	The secreted recombinant hemagglutinin of influenza A virus (A/Netherlands/219/2003 (H7N7)) comprises 530 amino acids and has a predicted molecular mass of 59 kDa as estimated in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method

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Purity	> 87 % 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 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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