

Recombinant H7N7 (A/chicken/Netherlands/1/03) HA protein, His-tagged

Cat. No. HA-2894V **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant H7N7 (A/chicken/Netherlands/1/03) HA protein(AAR02639.1)(Met 8-Phe 544) (Native, HA1+HA2) was expressed in Insect Cells, fused with a polyhistidine tag at the C-terminus.
Species	H7N7
Source	Insect Cells
ProteinLength	8-544 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Bio-activity	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 Neu5Aca2-3Galb1-4 GlcNAcb-PAA-biotin (01-077) using the Octet RED System.
Molecular Mass	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.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 80 % as determined by SDS-PAGE

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Storage

Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities 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.

SDS-PAGE

