

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

Cat. No. HA-306V **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant an N-terminal segment (Met 1-Arg 344) of Influenza A virus (A/chicken/Netherlands/1/03 (H7N7)) hemagglutinin (AAR02639.1), termed as HA1, was fused with a polyhistidine tag at the C-terminus.
Species	H7N7
Source	HEK293
ProteinLength	1-344 a.a.
Predicted N Terminal	Asp 26
Form	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
Molecular Mass	The recombinant HA1 subunit of Influenza A virus (A/chicken/Netherlands/1/03 (H7N7)) hemagglutinin comprises 331 amino acids and has a calculated molecular mass of 36.4 kDa. It migrates as an approximately 47 kDa band in SDS-PAGE under reducing conditions due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>97 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



Storage

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.

Reconstitution

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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