

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

**Cat. No.** HA-296V    **Lot. No.** (See product label)

## SPECIFICATION

|                             |                                                                                                                                                                                                                                                                                        |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>     | Recombinant N-terminal segment (Met 8-Arg 345) of Influenza A virus (A/Netherlands/219/03 (H7N7)) hemagglutinin (AAR02640.1), termed as HA1, was fused with a polyhistidine tag at the C-terminus.                                                                                     |
| <b>Species</b>              | H7N7                                                                                                                                                                                                                                                                                   |
| <b>Source</b>               | HEK293                                                                                                                                                                                                                                                                                 |
| <b>ProteinLength</b>        | 8-345 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>Molecular Mass</b>       | The recombinant HA1 subunit of Influenza A virus hemagglutinin (A/Netherlands/219/03 (H7N7)) comprises 331 amino acids with the predicted molecular mass of 36.4 kDa. As a result of glycosylation, it migrates as an approximately 48 kDa band in SDS-PAGE under reducing conditions. |
| <b>Endotoxin</b>            | < 1.0 EU per µg of the protein as determined by the LAL method.                                                                                                                                                                                                                        |
| <b>Purity</b>               | >90 % as determined by SDS-PAGE.                                                                                                                                                                                                                                                       |
| <b>Stability</b>            | Samples are stable for up to twelve months from date of receipt at -70°C.                                                                                                                                                                                                              |

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**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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