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

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

SPECIFICATION

Product Overview	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.
Species	H7N7
Source	HEK293
ProteinLength	8-345 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 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.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Purity	>90 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70ºC.

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 -20ºC~-70ºC. 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℃ before opening to recover the entire contents.

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