

Recombinant H5N1 (A/Goose/Guangdong/1/96) HA Protein, His-tagged

Cat. No. HA-565V Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Influenza A virus (A/Goose/Guangdong/1/96(H5N1)) hemagglutinin (YP_308669.1) (Met1-Glu340), termed as HA1, was expressed with a polyhistidine tag at the C-terminus.

Species H5N1

Source HEK293

ProteinLength 1-340 a.a.

Predicted N Terminal Asp 17

Form Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.

Molecular Mass The recombinant HA1 subunit of the Influenza A virus hemagglutinin (A/Goose/Guangdong/1/96(H5N1)) consists of 335 amino acids and predicts a molecular mass of 38 kDa.

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 -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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