Recombinant H5N1 (A/barn swallow/HongKong/D10-1161/2010) HA Protein, His-tagged

Cat. No. HA-690V **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Influenza A virus (A/barn swallow/Hong Kong/D10-1161/2010(H5N1)) hemagglutinin (AGC13463.1) (Met1-Arg341), termed as HA1, was expressed with a C-terminal polyhistidine tag.
Species	H5N1
Source	HEK293
ProteinLength	1-341 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 Influenza A virus (A/barnswallow/Hong Kong/D10-1161/2010(H5N1)) comprises 336 amino acids and has a predicted molecular mass of 38.2 kDa. The apparent molecular mass of the protein is approximately 53.8 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Purity	>95 % 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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