

Active Recombinant H12N1 (A/mallard duck/Alberta/342/1983) HA Protein, His-tagged

Cat. No. HA-576V **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Influenza A virus (A/mallard duck/Alberta/342/1983(H12N1)) hemagglutinin (ABB88099.1)(Met1-Lys527), termed as HA, was expressed with a polyhistidine tag at the C-terminus.
Species	H12N1
Source	Insect Cells
ProteinLength	1-527 a.a.
Predicted N Terminal	Tyr 17
Form	Lyophilized from sterile 20 mM Tris, 500 mM NaCl, 10 %glycerol, pH 8.0, 5%~8% trehalose and mannitol.
Bio-activity	Measured by its ability to agglutinate guinea pig red blood cells. HA titer is 0.05-0.25µg/mL for 1% GRBC.
Molecular Mass	The recombinant hemagglutinin of Influenza A virus (A/mallard duck/Alberta/342/1983(H12N1)) consists 522 amino acids and predicts a molecular mass of 59.4 kDa.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.

 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

Purity	>95 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
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.

 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