

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

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

### SPECIFICATION

<b>Product Overview</b>	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.
<b>Species</b>	H12N1
<b>Source</b>	Insect Cells
<b>ProteinLength</b>	1-527 a.a.
<b>Predicted N Terminal</b>	Tyr 17
<b>Form</b>	Lyophilized from sterile 20 mM Tris, 500 mM NaCl, 10 %glycerol, pH 8.0, 5%~8% trehalose and mannitol.
<b>Bio-activity</b>	Measured by its ability to agglutinate guinea pig red blood cells. HA titer is 0.05-0.25µg/mL for 1% GRBC.
<b>Molecular Mass</b>	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.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.

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