

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

Cat. No. HA-577V **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant extracellular domain of influenza A virus hemagglutinin (A/mallard duck/Alberta/342/1983 (H12N1)) (ABB88099.1) (Met 1-Lys 527) was fused with a polyhistidine tag at the C-terminus.
Species	H12N1
Source	HEK293
ProteinLength	1-527 a.a.
Predicted N Terminal	Asp 18
Form	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
Molecular Mass	The secreted recombinant hemagglutinin of influenza A H12N1 HA (A/mallard duck/Alberta/342/1983(H12N1)) comprises 521 amino acids and has a predicted molecular mass of 59.3 kDa. As a result of glycosylation, it migrates as an approximately 85 kDa band 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 -70°C.

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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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