

Active Recombinant H13N6 (A/black-headed gull/Sweden/1/1999) HA Protein, His-tagged

Cat. No. HA-712V Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Influenza A virus (A/black-headed gull/Sweden/1/1999(H13N6)) hemagglutinin (AAV91213.1) (Met1-Arg342), termed as HA1, was expressed with a polyhistidine tag at the C-terminus.
Species	H13N6
Source	Insect Cells
ProteinLength	1-342 a.a.
Predicted N Terminal	Asp 19
Form	Lyophilized from sterile 20 mM Tris, 500 mM NaCl, 10 % glycerol, pH 7.4, 5%~8% trehalose and mannitol.
Bio-activity	Measured by its ability to agglutinate guinea pig red blood cells. HA titer is 0.1-0.5µg/mL for 1% GRBC.
Molecular Mass	The recombinant HA1 subunit of Influenza A virus (A/black-headed gull/Sweden/1/1999(H13N6)) consists 335 amino acids and predicts a molecular mass of 37.3 kDa.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.

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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.

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