

Active Recombinant H5N3 (A/duck/Hokkaido/167/2007) HA Protein, His-tagged

Cat. No. HA-357V Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant extracellular domain (Met 1-Gln 527) of the influenza A H5N3 Hemagglutinin (A/duck/Hokkaido/167/2007) (BAG07130.2), was expressed, fused with a polyhistidine tag at the C-terminus.
Species	H5N3
Source	HEK293
ProteinLength	1-527 a.a.
Predicted N Terminal	Asp 17
Form	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
Bio-activity	Measured by its ability to agglutinate human red blood cells. HA titer is 4-20 µg/mL for 1% HRBC.
Molecular Mass	The secreted recombinant influenza A H5N3 HA (A/duck/Hokkaido/167/2007 (H5N3)) comprises 522 amino acids and has a predicted molecular mass of 59 kDa. As a result of glycosylation, it migrates as an approximately 60-70 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.

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Purity	>97 % 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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