

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

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

SPECIFICATION

Product Overview	Active Recombinant H5N3 (A/duck/Hokkaido/167/2007) HA Protein(Met 1-Gln 527)(BAG07130.2), was expressed in HEK293, fused with a polyhistidine tag at the C-terminus.
Species	H5N3
Source	HEK293
ProteinLength	1-527 aa
Form	Lyophilized from sterile PBS, pH 7.4.
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.
Purity	> 97 % as determined by SDS-PAGE

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Storage

Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities 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 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

SDS-PAGE

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