

Active Recombinant H5N1 (A/chicken/India/NIV33487/06) HA Protein, His-tagged

Cat. No. HA-392V **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant H5N1 (A/chicken/India/NIV33487/06) HA Protein(ABQ45850.1) (Met1-Gln529) was expressed in Insect Cells with a polyhistidine tag at the C-terminus.
Species	H5N1
Source	Insect Cells
ProteinLength	1-529 aa
Form	Lyophilized from sterile 20 mM Tris, 500 mM NaCl, 10 % glycerol, pH 8.0.
Bio-activity	Measured by its ability to agglutinate guinea pig red blood cells. HA titer is 0.2-1 µg/mL for 1% GRBC.
Molecular Mass	The recombinant hemagglutinin of Influenza A virus (A/chicken/India/NIV33487/06 (H5N1)) consists 524 amino acids and predicts a molecular mass of 59.7 kDa.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 85 % as determined by SDS-PAGE
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-

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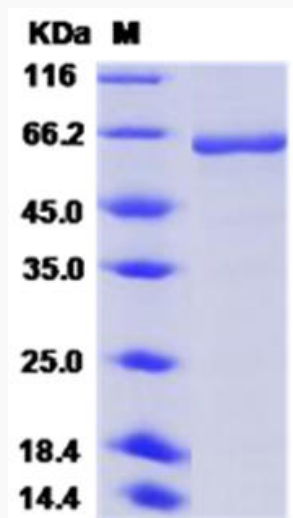
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thaw cycles.

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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