

# Recombinant H5N1 (A/turkey/Turkey/1/2005) HA Protein, His-tagged

Cat. No. HA-489H    Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant H5N1 (A/turkey/Turkey/1/2005) HA Protein(Q207Z6, with aa 339-342 mutated from "GERR" to "RESR") (Met1-Gln531), termed as HA, was expressed in Insect Cells with a polyhistidine tag at the C-terminus.
<b>Species</b>	H5N1
<b>Source</b>	Insect Cells
<b>ProteinLength</b>	1-531 aa
<b>Form</b>	Lyophilized from sterile 20 mM Tris, 500 mM NaCl, 10 %glycerol, pH 7.4.
<b>Molecular Mass</b>	The recombinant hemagglutinin of Influenza A virus (A/turkey/Turkey/1/2005(H5N1)) consists 526 amino acids and predicts a molecular mass of 60.1 kDa.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Purity</b>	> 95 % as determined by SDS-PAGE
<b>Storage</b>	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.
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution of

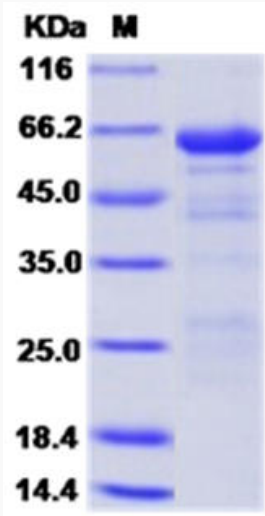
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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

SDS-PAGE



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