

Recombinant Influenza A(A/Anhui/1/2005) H5N1 HA protein(Ala 150Val), His-tagged

Cat. No. HA-273V **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Influenza A(A/Anhui/1/2005) H5N1 HA protein(ABD28180.1)(Met 1-Gln 527,Ala 150Val) with cleavage site mutated (RERRRKR→TETR, HA1+HA2, uncleaved) was expressed in Insect Cells with the bacteriophage T4 fibrin and a polyhistidine tag at the C-terminus.
Species	H5N1
Source	Insect Cells
ProteinLength	1-527 aa, Ala150Val
Form	Lyophilized from sterile 20mM Tris, 500 mM NaCl, 10% glycerol, pH 7.4.
Molecular Mass	The secreted recombinant hemagglutinin of Influenza A virus (A/Anhui/1/ 2005(H5N1) comprises 557 amino acids with the predicted molecular mass of 63 kDa. As a result of glycosylation, it migrates as an apximately 66 kDa band in SDS-PAGE under reducing conditions.This recombinant HA proteins are polymers based on HPLC analysis.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 90 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to

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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

