

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

Cat. No. HA-1567I **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Influenza A H5N1 (A/Anhui/1/2005) HA protein, His-tagged Recombinant Influenza A H5N1 (A/Anhui/1/2005) HA protein(ABD28180.1)(Met 1-Gln 527), fused with His tag, was expressed in Insect Cells.
Species	Influenza A H5N1 (A/Anhui/1/2005)
Source	Insect Cells
ProteinLength	Met 1-Gln 527
Form	Lyophilized from sterile 20mM Tris, 500 mM NaCl, 10% glycerol, pH 7.4. Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
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 approximately 66 kDa band in SDS-PAGE under reducing conditions. This recombinant HA proteins are polymers based on HPLC analysis (data not shown).
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 90 % as determined by SDS-PAGE

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Storage

Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°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 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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