

Active Recombinant Influenza A H5N1 (A/goose/Guangdong/1/1996) HA protein(Met1-Gln531), His-tagged

Cat. No. HA-3260V **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Influenza A H5N1 (A/goose/Guangdong/1/1996) HA protein(YP_308669.1)(Met1-Gln531), fused with His tag, was expressed in Insect Cells.
Species	Influenza A H5N1 (A/goose/Guangdong/1/1996)
Source	Insect Cells
ProteinLength	Met1-Gln531
Form	Lyophilized from sterile 20 mM 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. Please refer to the specific buffer information in the hard copy of CoA.
Bio-activity	Measured by its ability to agglutinate guinea pig red blood cells. HA titer is 1-5µg/mL for 1%GRBC
Molecular Mass	The recombinant hemagglutinin of Influenza A virus (A/goose/Guangdong/1/1996(H5 N1)) consists 526 amino acids and predicts a molecular mass of 60.1 kDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.

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Purity	> 85 % as determined by SDS-PAGE
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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