Active Recombinant H5N1 (A/common magpie/Hong Kong/5052/2007) HA Protein, His-tagged

Cat. No. HA-587V **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Influenza A virus (A/common magpie/Hong Kong/5052/2007(H5N1)) hemagglutinin (ACJ26242.1) (Met1-Gln530), termed as HA, was expressed with a polyhistidine tag at the C-terminus.
Species	H5N1
Source	Insect Cells
ProteinLength	1-530 a.a.
Predicted N Terminal	Asp 17
Form	Lyophilized from sterile 20 mM Tris, 500 mM NaCl, 10 % glycerol, pH 7.4, 5%~8% trehalose and mannitol.
Bio-activity	Measured by its ability to agglutinate guinea pig red blood cells. HA titer is 0.02-0.1μg/mL for 1% GRBC.
Molecular Mass	The recombinant hemagglutinin of Influenza A virus (A/common magpie/Hong Kong/5052/2007(H5N1)) consists 524 amino acids and predicts a molecular mass of 59.6 kDa.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.

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Purity	>90 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70ºC.
Storage	Store it under sterile conditions at -20ºC~-70ºC. 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 0.25 ug/ul. Centrifuge the vial at 4℃ before opening to recover the entire contents.

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