

## Active Recombinant H5N1 HA, His-tagged

Cat. No. HA-438H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	A DNA sequence encoding the Influenza A virus (A/chicken/VietNam/NCVD-016/2008(H5N1))hemagglutinin(ACO07033.1) (Met1-Gln532) was expressed with a C-terminal polyhistidine tag.
<b>Species</b>	H5N1
<b>Source</b>	Insect Cells
<b>ProteinLength</b>	Met1-Gln532
<b>Form</b>	Lyophilized from sterile PBS, pH7.4.
<b>Bio-activity</b>	1. Measured by its ability to bind with Neu5Aca2-3Galb1-4GlcNAcb-PAA-biotin (01-077) using the Octet RED System.2. Measured by its ability to agglutinate guinea pig red blood cells. HA titer is 1-4 ng/mL for 1% GRBC.
<b>Molecular Mass</b>	The recombinant hemagglutinin of Influenza A virus (A/chicken/VietNam/NCVD-016/2008(H5N1)) comprises 527 amino acids and has a predicted molecular mass of 60.2 kDa. The apparent molecular mass of the protein is approximately 66.2 kDa in SDS-PAGE under reducing conditions.
<b>Endotoxin</b>	< 1.0 eu per µg of the protein as determined by the LAL method.
<b>Purity</b>	>85 % as determined by SDS-PAGE

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<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -70°C
<b>Storage</b>	Store it under sterile conditions at -70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	Hardcopy of COA with reconstitution instruction is sent along with the products.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	HA?hemagglutinin [?Influenza A virus (A/goose/Guangdong/1/1996(H5N1))]
<b>Official Symbol</b>	HA
<b>Synonyms</b>	HA; hemagglutinin; HA1; HA2
<b>Gene ID</b>	<a href="#">3654620</a>
<b>Protein Refseq</b>	<a href="#">YP_308669</a>
<b>UniProt ID</b>	<a href="#">Q9Q0U6</a>
<b>Chromosome Location</b>	segment: segment 4

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