

Active Recombinant H5N1 HA, His-tagged

Cat. No. HA-436H Lot. No. (See product label)

SPECIFICATION

Product Overview	A DNA sequence encoding the Influenza A virus (A/barnswallow/HongKong/D10-1161/2010(H5N1)) hemagglutinin (AGC13463.1) (Met1-Gln531) was expressed with a C-terminal polyhistidine tag.
Species	H5N1
Source	Insect Cells
ProteinLength	Met1-Gln531
Form	Lyophilized from sterile PBS, pH7.4.
Bio-activity	Measured by its ability to agglutinate guinea pig red blood cells. HA titer is 4-16 ng/mL for 1% GRBC.
Molecular Mass	The recombinant hemagglutinin of Influenza A virus (A/barnswallow/HongKong/D10-1161/2010(H5N1)) comprises 526 amino acids and has a predicted molecular mass of 60.2 kDa. The apparent molecular mass of the protein is approximately 65 kDa in SD S-PAGE under reducing conditions.
Endotoxin	< 1.0 eu per µg of the protein as determined by the LAL method.
Purity	>60 % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70°C

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Storage Store it under sterile conditions at -70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution Hardcopy of COA with reconstitution instruction is sent along with the products.

GENE INFORMATION

Gene Name HA?hemagglutinin [?Influenza A virus (A/goose/Guangdong/1/1996(H5N1))]

Official Symbol HA

Synonyms HA; hemagglutinin; HA1; HA2

Gene ID [3654620](#)

Protein Refseq [YP_308669](#)

UniProt ID [Q9Q0U6](#)

Chromosome Location segment: segment 4

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