

## Active Recombinant H5N1 HA, His-tagged

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

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                      |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | 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.                                                                                               |
| <b>Species</b>          | H5N1                                                                                                                                                                                                                                                                                 |
| <b>Source</b>           | Insect Cells                                                                                                                                                                                                                                                                         |
| <b>ProteinLength</b>    | Met1-Gln531                                                                                                                                                                                                                                                                          |
| <b>Form</b>             | Lyophilized from sterile PBS, pH7.4.                                                                                                                                                                                                                                                 |
| <b>Bio-activity</b>     | Measured by its ability to agglutinate guinea pig red blood cells. HA titer is 4-16 ng/mL for 1% GRBC.                                                                                                                                                                               |
| <b>Molecular Mass</b>   | 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. |
| <b>Endotoxin</b>        | < 1.0 eu per µg of the protein as determined by the LAL method.                                                                                                                                                                                                                      |
| <b>Purity</b>           | >60 % as determined by SDS-PAGE                                                                                                                                                                                                                                                      |
| <b>Stability</b>        | 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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