

## Recombinant H5N1 HA, His-tagged

**Cat. No.** HA-443H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                 |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | A DNA sequence encoding the influenza A virus (A/Egypt/3300-NAMRU3/2008 (H5N1)) hemagglutinin (Met1-Glu340), termed as HA1, was fused with a C-terminal polyhistidine tag.                                                                      |
| <b>Species</b>          | H5N1                                                                                                                                                                                                                                            |
| <b>Source</b>           | Human Cells                                                                                                                                                                                                                                     |
| <b>ProteinLength</b>    | Met1-Glu340                                                                                                                                                                                                                                     |
| <b>Form</b>             | Lyophilized from sterile PBS, pH7.4.                                                                                                                                                                                                            |
| <b>Molecular Mass</b>   | The recombinant HA1 subunit of influenza A H5N1 (A/Egypt/3300-NAMRU3/2008 (H5N1)) comprises 335 amino acids and has a predicted molecular mass of 38 kDa. It migrates as an approximately 55-65 kDa band 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                                                                                                                                                                                                                 |
| <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.                                                                                             |

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| <b>Reconstitution</b> | Hardcopy of COA with reconstitution instruction is sent along with the products. |
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## GENE INFORMATION

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|------------------|------------------------------------------------------------------------|
| <b>Gene Name</b> | HA?hemagglutinin [?Influenza A virus (A/goose/Guangdong/1/1996(H5N1))] |
|------------------|------------------------------------------------------------------------|

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| <b>Official Symbol</b> | HA |
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|-----------------|-----------------------------|
| <b>Synonyms</b> | HA; hemagglutinin; HA1; HA2 |
|-----------------|-----------------------------|

|                |         |
|----------------|---------|
| <b>Gene ID</b> | 3654620 |
|----------------|---------|

|                       |           |
|-----------------------|-----------|
| <b>Protein Refseq</b> | YP_308669 |
|-----------------------|-----------|

|                   |        |
|-------------------|--------|
| <b>UniProt ID</b> | Q9Q0U6 |
|-------------------|--------|

|                            |                    |
|----------------------------|--------------------|
| <b>Chromosome Location</b> | segment: segment 4 |
|----------------------------|--------------------|

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