

## Active Recombinant H5N1 (A/Indonesia/5/2005) HA Protein, His-tagged

**Cat. No.** HA-289V    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                      |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Active Recombinant H5N1 (A/Indonesia/5/2005) HA Protein(Met1-Gln531), termed as HA, was expressed in Insect Cells with a polyhistidine tag at the C-terminus.                        |
| <b>Species</b>          | H5N1                                                                                                                                                                                 |
| <b>Source</b>           | Insect Cells                                                                                                                                                                         |
| <b>ProteinLength</b>    | 1-531 aa                                                                                                                                                                             |
| <b>Form</b>             | Lyophilized from sterile 20 mM Tris, 500 mM NaCl, pH 8.0, 10 % glycerol.                                                                                                             |
| <b>Bio-activity</b>     | Measured by its ability to agglutinate guinea pig red blood cells. HA titer is 1-5µg/mL for 1%GRBC.                                                                                  |
| <b>Molecular Mass</b>   | The recombinant hemagglutinin of Influenza A virus (A/Indonesia/5/2005(H5N1)) consists 526 amino acids and predicts a molecular mass of 60 kDa.                                      |
| <b>Endotoxin</b>        | < 1.0 EU per µg of the protein as determined by the LAL method.                                                                                                                      |
| <b>Purity</b>           | > 95 % as determined by SDS-PAGE                                                                                                                                                     |
| <b>Storage</b>          | Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles. |

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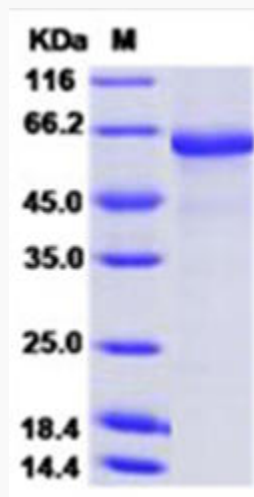
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## Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## SDS-PAGE



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