

## Active Recombinant Influenza A H5N1 (A/goose/Guangdong/1/1996) HA protein(Met1-Gln531), His-tagged

**Cat. No.** HA-3260V    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                        |
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| <b>Product Overview</b> | Recombinant Influenza A H5N1 (A/goose/Guangdong/1/1996) HA protein(YP_308669.1)(Met1-Gln531), fused with His tag, was expressed in Insect Cells.                                                                                                                                                                       |
| <b>Species</b>          | Influenza A H5N1 (A/goose/Guangdong/1/1996)                                                                                                                                                                                                                                                                            |
| <b>Source</b>           | Insect Cells                                                                                                                                                                                                                                                                                                           |
| <b>ProteinLength</b>    | Met1-Gln531                                                                                                                                                                                                                                                                                                            |
| <b>Form</b>             | Lyophilized from sterile 20 mM Tris, 500 mM NaCl, 10 % glycerol, pH 7.4. Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA. |
| <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/goose/Guangdong/1/1996(H5 N1)) consists 526 amino acids and predicts a molecular mass of 60.1 kDa.                                                                                                                                                               |
| <b>Endotoxin</b>        | < 1.0 EU per µg protein as determined by the LAL method.                                                                                                                                                                                                                                                               |

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|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Purity</b>         | > 85 % as determined by SDS-PAGE                                                                                                                                                                                                                  |
| <b>Storage</b>        | Samples are stable for up to twelve months from date of receipt at -20°C to -80°C<br>Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. |
| <b>Reconstitution</b> | 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.                                                                     |

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