

## Active Recombinant Influenza A H5N1 (A/Cambodia/S1211394/2008) HA protein, His-tagged

**Cat. No.** HA-0385H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                              |
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| <b>Product Overview</b> | Recombinant Influenza A H5N1 (A/Cambodia/S1211394/2008) HA protein(Met1-Gly341)(ADM95445.1), fused with His tag, was expressed in HEK293.                                                                                                                                                    |
| <b>Species</b>          | Influenza A H5N1 (A/Cambodia/S1211394/2008)                                                                                                                                                                                                                                                  |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                       |
| <b>ProteinLength</b>    | Met1-Gly341                                                                                                                                                                                                                                                                                  |
| <b>Form</b>             | Lyophilized from sterile PBS-2, pH 7.4, 10% glyPlease 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 16-160µg/mL for 1% GRBC.                                                                                                                                                                                      |
| <b>Molecular Mass</b>   | The secreted recombinant HA1 subunit of influenza A H5N1 HA (A/Cambodia/S1211394/2008(H5N1)) comprises 526 amino acids and has a predicted molecular mass of 60 kDa. As a result of glycosylation, it migrates as an approximately 83 kDa band in S DS-PAGE under reducing conditions.       |
| <b>Endotoxin</b>        | < 1.0 EU per µg of the protein as determined by the LAL method                                                                                                                                                                                                                               |

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|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Purity</b>         | > 95 % 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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