

# Recombinant Influenza A H5N1 (A/Hong kong/213/2003) HA protein, His-tagged

**Cat. No.** HA-1588I    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                     |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Influenza A H5N1 (A/Hong kong/213/2003) HA protein, His-tagged<br>Recombinant Influenza A H5N1 (A/Hong kong/213/2003) HA protein (ABP51975.1) (Met1-Glu340), fused with His tag, was expressed in HEK293.                                                               |
| <b>Species</b>          | Influenza A H5N1 (A/Hong kong/213/2003)                                                                                                                                                                                                                                             |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                              |
| <b>Protein Length</b>   | Met1-Glu340                                                                                                                                                                                                                                                                         |
| <b>Form</b>             | Lyophilized from sterile PBS, pH 7.4<br>Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.                                                                        |
| <b>Molecular Mass</b>   | The secreted recombinant HA1 subunit of influenza A H5N1 HA (A/Hong kong/213/03 (H5N1)) comprises 335 amino acids and has a predicted molecular mass of 38 kDa. As a result of glycosylation, it migrates as an approximately 45-50 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>           | > 97 % 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.                                                                                                                                                                                                  |

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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.

**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.

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