

# Recombinant H5N1 (A/Anhui/1/2005) HA1 Subunit protein, His-tagged

**Cat. No.** HA1-2854V    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                         |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant H5N1 (A/Anhui/1/2005) HA1 Subunit protein(Met 1-337)(A/Anhui/1/2005 (H5N1) (ABD28180.1), termed as HA1, was expressed in HEK293, fused with a polyhistidine tag at the C-terminus.                                                                                          |
| <b>Species</b>          | H5N1                                                                                                                                                                                                                                                                                    |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                  |
| <b>ProteinLength</b>    | 1-337 aa                                                                                                                                                                                                                                                                                |
| <b>Form</b>             | Lyophilized from sterile PBS, pH 7.4.                                                                                                                                                                                                                                                   |
| <b>Molecular Mass</b>   | The recombinant HA1 subunit of Influenza A virus H5N1 hemagglutinin (A/Anhui/1/2005 (H5N1) comprises 332 amino acids with the predicted molecular mass of 37.5 kDa. As a result of glycosylation, it migrates as an approximately 55-60 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>           | > 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.                                                                                                    |

 Tel: 1-631-559-9269    1-516-512-3133

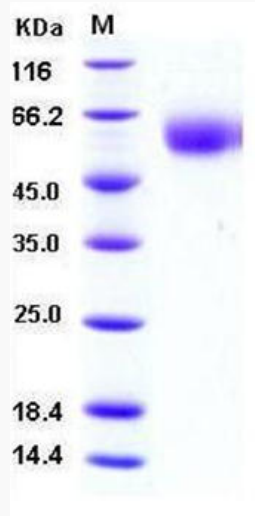
 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

## 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



Tel: 1-631-559-9269 1-516-512-3133

Email: [info@creative-biomart.com](mailto:info@creative-biomart.com) Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA