

## Recombinant H1N1 (A/Texas/36/1991) HA Protein, His-tagged

Cat. No. HA-653V Lot. No. (See product label)

### SPECIFICATION

|                             |                                                                                                                                                                          |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>     | Recombinant Influenza A virus (A/Texas/36/1991(H1N1)) hemagglutinin (ACF41933.1) (Met1-Arg344), termed as HA1, was expressed with a polyhistidine tag at the C-terminus. |
| <b>Species</b>              | H1N1                                                                                                                                                                     |
| <b>Source</b>               | HEK293                                                                                                                                                                   |
| <b>ProteinLength</b>        | 1-344 a.a.                                                                                                                                                               |
| <b>Predicted N Terminal</b> | Asp 18                                                                                                                                                                   |
| <b>Form</b>                 | Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.                                                                                                      |
| <b>Molecular Mass</b>       | The recombinant HA1 subunit of the Influenza A virus hemagglutinin (A/Texas/36/1991(H1N1)), consists 338 amino acids and predicts a molecular mass of 38.1 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>Stability</b>            | Samples are stable for up to twelve months from date of receipt at -70°C.                                                                                                |
| <b>Storage</b>              | Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be                                                                                  |

 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

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 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

 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