

## Active Recombinant H3N8 (A/equine/Gansu/7/2008) HA Protein, His-tagged

Cat. No. HA-681V Lot. No. (See product label)

### SPECIFICATION

|                             |   |
|-----------------------------|---|
| <b>Product Overview</b>     | Recombinant Influenza A virus (A/equine/Gansu/7/2008(H3N8)) hemagglutinin (ACE81938.1) (Met1-Arg344), termed as HA1, was expressed with a polyhistidine tag at the C-terminus.  |
| <b>Species</b>              | H3N8  |
| <b>Source</b>               | Insect Cells  |
| <b>ProteinLength</b>        | 1-344 a.a.  |
| <b>Predicted N Terminal</b> | Gln 17  |
| <b>Form</b>                 | Lyophilized from sterile 20 mM Tris, 500 mM NaCl, 10 % glycerol, pH 7.0, 5%~8% trehalose and mannitol.  |
| <b>Bio-activity</b>         | 1. Measured by its ability to bind with Neu5Aca2-3Galb1-4GlcNAcb-PAA-biotin (01-077) using the Octet RED System. 2. Measured by its ability to bind with Neu5Aca2-6GaINaca-PAA-biotin (01-059) using the Octet RED System. 3. Measured by its ability to agglut |
| <b>Molecular Mass</b>       | The recombinant HA subunit of Influenza A virus (A/equine/Gansu/7/2008(H3N8)) consists 339 amino acids and predicts a molecular mass of 37.9 kDa.   |
| <b>Endotoxin</b>            | < 1.0 EU per µg of the protein as determined by the LAL method.   |

 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

|                       |  |
|-----------------------|--|
| <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 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 0.25 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