

## Recombinant Influenza A H5N1 (A/Indonesia/5/2005) HA protein(Met1-Ile519), His-tagged

**Cat. No.** HA-3278V    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                 |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Influenza A virus (A/Indonesia/5/2005(H5N1)) hemagglutinin (AHJ09886.1)(Met1-Ile519, with mutations Tyr 107 Phe, Ser 341 Thr, and aa 342-345 deleted), termed as HA, was expressed with a polyhistidine tag at the C-terminus.      |
| <b>Species</b>          | H5N1                                                                                                                                                                                                                                            |
| <b>Source</b>           | Insect Cells                                                                                                                                                                                                                                    |
| <b>ProteinLength</b>    | Met1-Ile519                                                                                                                                                                                                                                     |
| <b>Form</b>             | Lyophilized from sterile 20 mM Tris, 500 mM NaCl,pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.                                                                               |
| <b>Molecular Mass</b>   | The recombinant hemagglutinin of Influenza A virus (A/Indonesia/5/2005(H5N1)) consists of 510 amino acids and predicts a molecular mass of 58.2 kDa.                                                                                            |
| <b>Endotoxin</b>        | < 1.0 EU per µg protein as determined by the LAL method.                                                                                                                                                                                        |
| <b>Purity</b>           | > 85 % 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. 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. |

 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.

 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