

# Recombinant Influenza A H18N11 (A/flat-faced bat/Peru/033/2010) HA protein(Met1-Asp513), His-tagged

**Cat. No.** HA-3314V    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                          |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Influenza A virus (A/flat-faced bat/Peru/033/2010(H18N11)) hemagglutinin (AGX84934.1) (Met1-Asp513), termed as HA, was expressed in Insect Cells with a polyhistidine tag at the C-terminus. |
| <b>Species</b>          | H18N11                                                                                                                                                                                                   |
| <b>Source</b>           | Insect Cells                                                                                                                                                                                             |
| <b>ProteinLength</b>    | Met1-Asp513                                                                                                                                                                                              |
| <b>Form</b>             | Lyophilized from sterile 20 mM Tris, 500 mM NaCl, 10 %glycerol, 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/flat-faced bat/Peru/033/2010(H18N11)) consists 510 amino acids and predicts a molecular mass of 57.7 kDa.                                          |
| <b>Endotoxin</b>        | < 1.0 EU per µg protein as determined by the LAL method.                                                                                                                                                 |
| <b>Purity</b>           | > 90 % 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                               |

 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

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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