

# Recombinant Influenza A H3N2 (A/Hanoi/EL134/2008) HA Protein, His-tagged

**Cat. No.** HA-204H    **Lot. No.** (See product label)

## SPECIFICATION

|                             |                                                                                                                                                                                                                |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>     | Recombinant Influenza A virus (A/Hanoi/EL134/2008 (H3N2)) hemagglutinin (AIU46089.1) (Met1-Trp530), termed as HA, fused with a polyhistidine tag at the C-terminus, was expressed in Baculovirus-Insect Cells. |
| <b>Species</b>              | H3N2                                                                                                                                                                                                           |
| <b>Source</b>               | Insect Cells                                                                                                                                                                                                   |
| <b>ProteinLength</b>        | 1-530 a.a.                                                                                                                                                                                                     |
| <b>Predicted N Terminal</b> | Gln 17                                                                                                                                                                                                         |
| <b>Form</b>                 | Lyophilized from sterile 20 mM Tris, 500 mM NaCl, pH 7.0, 5% trehalose, 5% mannitol and 0.01% Tween80.                                                                                                         |
| <b>Molecular Mass</b>       | The recombinant hemagglutinin of Influenza A virus (A/Hanoi/EL134/2008 (H3N2)) consists of 525 amino acids and predicts a molecular mass of 59.3 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>Characteristic</b>       | Labeling ratio of biotin to protein is 0.5-1 as determined by the HABA assay.                                                                                                                                  |

 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>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.           |
| <b>Reconstitution</b> | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 mg/ml. Centrifuge the vial at 4°C before opening to recover the entire contents.                                                                            |
| <b>Shipping</b>       | In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise. |

## GENE INFORMATION

|                        |                   |
|------------------------|-------------------|
| <b>Official Symbol</b> | HA                |
| <b>Synonyms</b>        | HA; Hemagglutinin |
| <b>Protein Refseq</b>  | AIU46089.1        |