

## 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