

## Active Recombinant Influenza A H5N1 (A/Cambodia/S1211394/2008) HA protein, His-tagged

Cat. No. HA-0385H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Influenza A H5N1 (A/Cambodia/S1211394/2008) HA protein(Met1-Gly341)(ADM95445.1), fused with His tag, was expressed in HEK293.
<b>Species</b>	Influenza A H5N1 (A/Cambodia/S1211394/2008)
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met1-Gly341
<b>Form</b>	Lyophilized from sterile PBS-2, pH 7.4, 10% glyPlease contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
<b>Bio-activity</b>	Measured by its ability to agglutinate guinea pig red blood cells. HA titer is 16-160µg/mL for 1% GRBC.
<b>Molecular Mass</b>	The secreted recombinant HA1 subunit of influenza A H5N1 HA (A/Cambodia/S1211394/2008(H5N1)) comprises 526 amino acids and has a predicted molecular mass of 60 kDa. As a result of glycosylation, it migrates as an approximately 83 kDa band in S DS-PAGE under reducing conditions.
<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>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 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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