

## Recombinant Influenza A H7N9 (A/Anhui/1/2013) HA protein(Met1-Gly338), His-tagged

Cat. No. HA-1111V Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Influenza A virus (A/Anhui/1/2013(H7N9)) hemagglutinin (AGJ51953.1) (Met1-Gly338), termed as HA1, was expressed in HEK293 with a C-terminal polyhistidine tag.
<b>Species</b>	H7N9
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met1-Gly338
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4, 5% trehalose, 5% mannitol. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Molecular Mass</b>	The recombinant HA1 subunit of Influenza A virus (A/Anhui/1/2013 (H7N9)) hemagglutinin comprises 331 amino acids and has a predicted molecular mass of 36.2 kDa. The apparent molecular mass of the protein is approximately 39-47 kDa in SDS-PAGE under reducing conditions.
<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>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C.

 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



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.

**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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