

## Recombinant H9N2 (A/Guinea fowl/Hong Kong/WF10/99) HA Protein, His-Avi-tagged, Biotinylated

**Cat. No.** HA-412I    **Lot. No.** (See product label)

### SPECIFICATION


<b>Product Overview</b>	Biotinylated Influenza A[A/Guinea fowl(H9N2)] HA1 is expressed from HEK293 cells. It contains AA Asp 19 - Arg 338 (Accession # Q80KD9-1). This protein carries a polyhistidine tag at the C-terminus, followed by an Avi tag.
<b>Species</b>	H9N2
<b>Source</b>	HEK293
<b>ProteinLength</b>	19-338 a.a.
<b>Predicted N Terminal</b>	Asp 19
<b>Form</b>	Lyophilized from 0.22 um filtered solution in PBS, pH7.4, 10% trehalose.
<b>Molecular Mass</b>	The protein has a calculated MW of 39.3 kDa. The protein migrates as 47-70 kDa under reducing condition (SDS-PAGE).
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Purity</b>	>90% as determined by SDS-PAGE.
<b>Characteristic</b>	Biotinylation of this product is performed using Avitag technology. Briefly, the single lysine residue in the Avitag is enzymatically labeled with biotin. The biotin to protein ratio 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>Stability</b>	Samples are stable for up to twelve months from date of receipt at -70°C.
<b>Storage</b>	For long term storage, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. No activity loss is observed after storage at: 4-8°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.
<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.
<b>Conjugation</b>	Biotin
<b>GENE INFORMATION</b>	
<b>Official Symbol</b>	HA
<b>Synonyms</b>	HA, Hemagglutinin

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