

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

Cat. No. HA-347I **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Influenza A H9N2 (A/Guinea fowl/Hong Kong/WF10/99) HA Protein, His & Avi-tagged, Biotinylated is expressed from human 293 cells (HEK293). It contains AA Asp 19 - Lys 523 (Accession # AAO46082.1). Predicted N-terminus: Asp 19. This protein carries an Avi tag at the C-terminus, followed by a polyhistidine tag. The protein has a calculated MW of 60 kDa. The protein migrates as 66-70 kDa under reducing (R) condition (SDS-PAGE). The biotin to protein ratio is 0.5-1 as determined by the HABA assay.
Species	Influenza A H9N2
Source	HEK293
ProteinLength	Asp 19 - Lys 523
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Anti-Influenza HA Universal MAb CM2S3 at 5 µg/mL (100 µL/well) can bind Recombinant Influenza A H9N2 (A/Guinea fowl/Hong Kong/WF10/99) HA Protein, His & Avi-tagged, Biotinylated with a linear range of 1.95-31.25 ng/mL (QC tested).
Molecular Mass	60 kDa

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE.
Notes	Please avoid repeated freeze-thaw cycles.
Stability	No activity loss is observed after storage at: 4-8 centigrade for 12 months in lyophilized state; -70 centigrade for 3 months under sterile conditions after reconstitution.
Storage	For long term storage, the product should be stored at lyophilized state at -20 centigrade or lower.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 mg/ml. Centrifuge the vial at 4 centigrade before opening to recover the entire contents.
Conjugation	Biotin

