

Recombinant Influenza A H9N2 (A/Guinea fowl/Hong Kong/WF10/99) HA1 Protein, His & Avi-tagged, Biotinylated

Cat. No. HA1-348I **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Influenza A H9N2 (A/Guinea fowl/Hong Kong/WF10/99) HA1 Protein, His & Avi-tagged, Biotinylated is expressed from human 293 cells (HEK293). It contains AA Asp 19 - Arg 338 (Accession # Q80KD9-1). Predicted N-terminus: Asp 19. This protein carries a polyhistidine tag at the C-terminus, followed by an Avi tag. The protein has a calculated MW of 39.3 kDa. The protein migrates as 47-70 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 - Arg 338
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
Molecular Mass	39.3 kDa
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>90% as determined by SDS-PAGE.
Notes	Please avoid repeated freeze-thaw cycles.

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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

