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

Product Overview	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.
Species	H9N2
Source	HEK293
ProteinLength	19-338 a.a.
Predicted N Terminal	Asp 19
Form	Lyophilized from 0.22 um filtered solution in PBS, pH7.4, 10% trehalose.
Molecular Mass	The protein has a calculated MW of 39.3 kDa. The protein migrates as 47-70 kDa under reducing condition (SDS-PAGE).
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Purity	>90% as determined by SDS-PAGE.
Characteristic	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.

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Stability	Samples are stable for up to twelve months from date of receipt at -70ºC.
Storage	For long term storage, the product should be stored at lyophilized state at -20ºC or lower. Please avoid repeated freeze-thaw cycles. No activity loss is observed after storage at: 4-8ºC for 12 months in lyophilized state; -70ºC for 3 months under sterile conditions after reconstitution.
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℃ before opening to recover the entire contents.
Conjugation	Biotin

GENE INFORMATION

Official Symbol	HA
Synonyms	HA, Hemagglutinin

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