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

Cat. No. HA-1540I **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Influenza A [A/Guinea fowl/Hong Kong/WF10/99(H9N2)] HA protein(Asp19-Lys523), fused with Avi and His tag, was expressed in HEK293.
Species	Influenza A [A/Guinea fowl/Hong Kong/WF10/99(H9N2)]
Source	HEK293
ProteinLength	19-523 a.a.
Form	Lyophilized from 0.22 μm filtered solution in PBS, pH7.4.
Bio-activity	Immobilized Monoclonal Anti-Influenza HA Universal Antibody, Human IgG1 at 2 μg/mL (100 μL/well) can bind Biotinylated Influenza A [A/Guinea fowl/Hong Kong/WF10/99(H9N2)] HA, Avitag,His Tag with a linear range of 10-156 ng/mL.
Molecular Mass	This protein carries an Avi tag (Avitag™) at the C-terminus, followed by a polyhistidine tag.The protein has a calculated MW of 60.0 kDa. The protein migrates as 66.0 kDa under reducing (R) condition (SDS-PAGE).
Proteinlength	Asp19-Lys523
Endotoxin	Less than 1.0 EU per μg by the LAL method.
Purity	>95% as determined by SDS-PAGE.>90% as determined by SEC-MALS.

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Storage	For long term, the product should be stored at lyophilized state at -20°C or lower.Please avoid repeated freeze-thaw cycles. This product is stable after at: -20°C to -70°C for 12 months in lyophilized state; -70°C 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°C before opening to recover the entire contents.
Conjugation	Biotin

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