

Recombinant Influenza A H5N1 (A/Hong Kong/483/97) HA1 Protein, His & Avi-tagged, Biotinylated

Cat. No. HA1-349I **Lot. No.** (See product label)

SPECIFICATION

Product Overview Recombinant Influenza A H5N1 (A/Hong Kong/483/97) HA1 Protein, His & Avi-tagged, Biotinylated is expressed from human 293 cells (HEK293). It contains AA Asp 17 - Arg 339 (Accession # AAC32099.1). Predicted N-terminus: Asp 17. This protein carries an Avi tag at the C-terminus, followed by a polyhistidine tag. The protein has a calculated MW of 39.6 kDa. The protein migrates as 45-65 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 H5N1

Source HEK293

ProteinLength Asp 17 - Arg 339

Form Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.

Molecular Mass 39.6 kDa

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.

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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

