

Recombinant Influenza A H5N1 (A/Japanese white-eye/Hong Kong/1038/2006) HA protein(Met1-Gln530), His-tagged, Biotinylated

Cat. No. HA-1030V **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Influenza A virus (A/Japanese white-eye/Hong Kong/1038/2006 (H5N1)) hemagglutinin (ABJ96775.1) (Met1-Gln530) (HA1+HA2, cleavage site mutated, RRRKR-TETR, uncleaved) was expressed in HEK293 with a C-terminal polyhistidine tag.
Species	H5N1
Source	HEK293
ProteinLength	Met1-Gln530
Conjugation/Label	Biotin
Form	Lyophilized from sterile PBS. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant hemagglutinin of Influenza A virus (A/Japanese white-eye/Hong Kong/1038/2006 (H5N1)) consists of 524 amino acids and predicts a molecular mass of 60 kDa. As a result of glycosylation, it migrates as an approximately 72 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.

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Purity	> 95 % as determined by SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
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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