

Recombinant H5N1 (A/Japanese white-eye/Hong Kong/1038/2006) HA Protein, His-tagged

Cat. No. HA-354V Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant extracellular domain (Met 1-Gln 530) of the influenza A hemagglutinin (A/Japanese white-eye/Hong Kong/1038 /2006 (H5N1)) (ABJ96775.1) (HA1+HA2, cleavage site mutated, RRRKR-TETR, uncleaved) was expressed, with a C-terminal polyhistidine tag.
Species	H5N1
Source	HEK293
ProteinLength	1-530 a.a.
Predicted N Terminal	Asp 17
Form	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
Molecular Mass	The secreted recombinant influenza A H5N1 HA (A/Japanese white-eye/Hong Kong/1038/2006 (H5N1)) comprises 524 amino acids and has a predicted molecular mass of 60 kDa. As a result of glycosylation, it migrates as an approximately 65-75 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>97 % as determined by SDS-PAGE.

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Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	Store it under sterile conditions at -20°C~-70°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 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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