

Recombinant H5N1 (A/Xinjiang/1/2006) HA Protein, His-tagged

Cat. No. HA-789V **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant extracellular domain (Met 1-Gln 531) of the influenza hemagglutinin A/Xinjiang/1/2006 (H5N1) (ACJ68614.1) (HA1+HA2, uncleaved), cleavage site mutated (RRRKKR-TETR) was fused with a polyhistidine tag at the C-terminus.
Species	H5N1
Source	HEK293
ProteinLength	1-531 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/Xinjiang/1/2006 (H5N1)) comprises 524 amino acids and has a predicted molecular mass of 59 kDa. As a result of glycosylation, it migrates as an approximately 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	>90 % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.

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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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