

Recombinant H5N1 (A/whooper swan/Mongolia/244/2005) HA Protein, His-tagged

Cat. No. HA-384V Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant extracellular domain (Met 1-Gln 531) of the influenza hemagglutinin (A/whooper swan/Mongolia/244/2005 (H5N1)) (ACZ36881.1), (HA1+HA2, uncleaved, cleavage site mutated (RRRRKR-TETR)) was expressed, fused with a C-terminal polyhistidine tag.
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/whooper swan/Mongolia/244/2005 (H5N1)) comprises 524 amino acids and has a predicted molecular mass of 59.7 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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