

Active Recombinant H5N1 (A/Cambodia/S1211394/2008) HA Protein, His-tagged

Cat. No. HA-568V Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant N-terminal segment (Met 1-Gly 341) of the influenza hemagglutinin (A/Cambodia/S1211394/2008 (H5N1)) (ADM95445.1), termed as HA, was fused with a polyhistidine tag at the C-terminus.
Species	H5N1
Source	HEK293
ProteinLength	1-341 a.a.
Predicted N Terminal	Asp 17
Form	Lyophilized from sterile PBS-2, pH 7.4, 10% gly1, 5%~8% trehalose and mannitol.
Bio-activity	Measured by its ability to agglutinate guinea pig red blood cells. HA titer is 4-16 µg/mL for 1% GRBC.
Molecular Mass	The secreted recombinant HA1 subunit of influenza A H5N1 HA (A/Cambodia/S1211394/2008(H5N1)) comprises 526 amino acids and has a predicted molecular mass of 60 kDa. As a result of glycosylation, it migrates as an approximately 83 kDa band in S DS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.

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Purity	>95 % as determined by SDS-PAGE.
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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