

Recombinant H5N1 (A/hubei/1/2010) HA Protein, His-tagged

Cat. No. HA-809V **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Influenza A virus (A/hubei/1/2010(H5N1)) hemagglutinin (AEO89181.1) (Met1-Gln530), termed as HA, was expressed with a polyhistidine tag at the C-terminus.
Species	H5N1
Source	Insect Cells
ProteinLength	1-530 a.a.
Predicted N Terminal	Asp 17
Form	Lyophilized from sterile 20 mM Tris, 500 mM NaCl, 10 %glycerol, pH 8.0, 5% ~ 8% trehalose and mannitol.
Molecular Mass	The recombinant hemagglutinin of Influenza A virus (A/hubei/1/2010(H5N1)) consists 525 amino acids and predicts a molecular mass of 60.1 kDa.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>85 % 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

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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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