

## Active Recombinant Influenza A H5N1 (A/Hubei/1/2010) HA protein, His-tagged

Cat. No. HA-0383H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Influenza A H5N1 (A/Hubei/1/2010) HA protein(Met1-Gln530), fused with His tag, was expressed in HEK293.
<b>Species</b>	Influenza A H5N1 (A/Hubei/1/2010)
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met1-Gln530
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
<b>Bio-activity</b>	Measured by its ability to agglutinate human red blood cells.HA titer is 0.5-4 µg/mL for 1% HRBC.
<b>Molecular Mass</b>	The secreted recombinant hemagglutinin of influenza A virus H5N1 (A/Hubei/2011) comprises 525 amino acids and has a predicted molecular mass of 60.1 kDa. As a result of glycosylation, it migrates as an approximately 65-70 kDa band in non-reduced SDS-PAGE, and three bands (25, 45, 70 kDa) in reduced SDS-PAGE.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method

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<b>Purity</b>	> 90 % as determined by SDS-PAGE
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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