

## Active Recombinant H7N2 HA, His-tagged

Cat. No. HA-450H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	A DNA sequence encoding the Influenza A virus (A/ruddy turnstone/New Jersey/563/2006(H7N2)) hemagglutinin (ACS68445.1) (Met1-Asp523) was expressed with a C-terminal polyhistidine tag.
<b>Species</b>	H7N2
<b>Source</b>	Insect Cells
<b>ProteinLength</b>	Met1-Asp523
<b>Form</b>	Lyophilized from sterile PBS, pH7.4.
<b>Bio-activity</b>	Measured by its ability to agglutinate guinea pig red blood cells. HA titer is 0.1-0.6 µg/mL for 1% GRBC.
<b>Molecular Mass</b>	The recombinant hemagglutinin of Influenza A virus (A/ruddy turnstone/New Jersey/563/2006(H7N2)) comprises 516 amino acids and has a predicted molecular mass of 57.7 kDa. The apparent molecular mass of the protein is approximately 59.6 kDa in SDS-PAGE under reducing conditions.
<b>Endotoxin</b>	< 1.0 eu per µg of the protein as determined by the LAL method.
<b>Purity</b>	>95 % as determined by SDS-PAGE
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -70°C

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<b>Storage</b>	Store it under sterile conditions at -70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	Hardcopy of COA with reconstitution instruction is sent along with the products.

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