

Active Recombinant H7N2 HA, His-tagged

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

SPECIFICATION

Product Overview	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.
Species	H7N2
Source	Insect Cells
ProteinLength	Met1-Asp523
Form	Lyophilized from sterile PBS, pH7.4.
Bio-activity	Measured by its ability to agglutinate guinea pig red blood cells. HA titer is 0.1-0.6 µg/mL for 1% GRBC.
Molecular Mass	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.
Endotoxin	< 1.0 eu per µg of the protein as determined by the LAL method.
Purity	>95 % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70°C

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Storage

Store it under sterile conditions at -70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

Hardcopy of COA with reconstitution instruction is sent along with the products.

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