

Active Recombinant H7N7 HA, His-tagged

Cat. No. HA-453H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	A DNA sequence encoding the Influenza A virus (A/equine/Kentucky/1a/1975(H7N7)) hemagglutinin (ACL12085.1) (Met1-Ile534) was expressed with a C-terminal polyhistidine tag.
Species	H7N7
Source	Insect Cells
ProteinLength	Met1-Ile534
Form	Lyophilized from sterile PBS, pH7.4.
Bio-activity	Measured by its ability to agglutinate guinea pig red blood cells. HA titer is 0.1-0.4 µg/mL for 1% GRBC.
Molecular Mass	The recombinant hemagglutinin of Influenza A virus (A/equine/Kentucky/1a/1975(H7N7)) comprises 545 amino acids and has a predicted molecular mass of 61.6 kDa. The apparent molecular mass of the protein is approximately 63.3 kDa in SDS-PAGE under reducing conditions.
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

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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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