Active Recombinant H5N9 HA, His-tagged

Cat. No. HA-446H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	A DNA sequence encoding the Influenza A virus (A/chicken/Italy/22A/1998(H5N9)) hemagglutinin (ABR37720.1) (Met1-Gln527) was expressed with a C-terminal polyhistidine tag.
Species	H5N9
Source	Insect Cells
ProteinLength	Met1-Gln527
Form	Lyophilized from sterile PBS, pH7.4.
Bio-activity	1. Measured by its ability to bind with Neu5Aca2-3Galb1-4GlcNAcb-PAA-biotin (01-077) using the Octet RED System.2. Measured by its ability to agglutinate guinea pig red blood cells. HA titer is 0.01-0.04 μg/mL for 1% GRBC.
Molecular Mass	The recombinant hemagglutinin of Influenza A virus (A/chicken/Italy/22A/1998(H5N9)) comprises 522 amino acids and has a predicted molecular mass of 59.3 kDa. The apparent molecular mass of the protein is approximately 60.1 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

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Stability	Samples are stable for up to twelve months from date of receipt at -70℃
Storage	Store it under sterile conditions at -70℃. 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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