

Active Recombinant H15N2 HA, His-tagged

Cat. No. HA-414H Lot. No. (See product label)

SPECIFICATION

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| Product Overview | A DNA sequence encoding the Influenza A virus (A/Australian shelduck/Western Australia/1756/1983(H15N2)) hemagglutinin (ABB90704.1) (Met1-Val534) was expressed with a C-terminal polyhistidine tag. |
| Species | H15N2 |
| Source | Insect Cells |
| ProteinLength | Met1-Val534 |
| Form | Lyophilized from sterile PBS, pH7.4. |
| Bio-activity | Measured by its ability to agglutinate guinea pig red blood cells. HA titer is 1-4 ng/mL for 1% GRBC. |
| Molecular Mass | The recombinant hemagglutinin of Influenza A virus (A/Australian shelduck/Western Australia/1756/1983(H15N2)) comprises 527 amino acids and has a predicted molecular mass of 59 kDa. The apparent molecular mass of the protein is approximately 64.5 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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