

Active Recombinant H3N2 (A/California/7/2004) HA Protein, His-tagged

Cat. No. HA-641V Lot. No. (See product label)

SPECIFICATION

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| Product Overview | Recombinant Influenza A virus (A/California/7/2004(H3N2)) hemagglutinin (ABW80975.1) (Met1-Trp530) was expressed with a C-terminal polyhistidine tag. |
| Species | H3N2 |
| Source | Insect Cells |
| ProteinLength | 1-530 a.a. |
| Predicted N Terminal | Gln 17 |
| Form | Lyophilized from sterile 20 mM Tris, 500 mM NaCl, 10 % glycerol, pH 7.0, 5%~8% trehalose and mannitol. |
| 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 bind with Neu5Aca2-6GalNAca-PAA-biotin (01-059) using the Octet RED System. 3. Measured by its ability to agglut |
| Molecular Mass | The recombinant hemagglutinin of Influenza A virus (A/California/7/2004(H3N2)) comprises 525 amino acids and has a predicted molecular mass of 59.2 kDa. The apparent molecular mass of the protein is approximately 70.6 kDa in SDS-PAGE under reducing conditions. |

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| 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. |
| Storage | Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. |
| Reconstitution | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents. |

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