# Active Recombinant H1N1 (A/New York/1/1918) HA Protein, His-tagged

**Cat. No.** HA-607V **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Recombinant Influenza A virus (A/New York/1/1918(H1N1)) hemagglutinin (AAD17219.1) (Met1-Gln529) was expressed with a polyhistidine tag at the C-terminus. |
| **Species** | H1N1 |
| **Source** | Insect Cells |
| **ProteinLength** | 1-529 a.a. |
| **Predicted N Terminal** | Asp |
| **Form** | Lyophilized from sterile 20 mM Tris, 500 mM NaCl,10 % glycerol, pH 8.0, 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/New York/1/1918(H1N1)) consists 523 amino acids and predicts a molecular mass of 58.6 kDa. |
| **Endotoxin** | < 1.0 EU per μg of the protein as determined by the LAL method. |

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| **Purity** | >95 % as determined by SDS-PAGE. |
| **Stability** | Samples are stable for up to twelve months from date of receipt at -70ºC. |
| **Storage** | Store it under sterile conditions at -20ºC~-70ºC. 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℃ before opening to recover the entire contents. |

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