

# Recombinant H3N2 (A/Hong Kong/1/1968) HA Protein, His-tagged

**Cat. No.** HA-638V    **Lot. No.** (See product label)

## SPECIFICATION

|                             |                                                                                                                                                                            |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>     | Recombinant Influenza A virus (A/Hong Kong/1/1968(H3N2) hemagglutinin (AAK51718.1) (Met1-Arg345), termed as HA1, was expressed with a polyhistidine tag at the C-terminus. |
| <b>Species</b>              | H3N2                                                                                                                                                                       |
| <b>Source</b>               | HEK293                                                                                                                                                                     |
| <b>ProteinLength</b>        | 1-345 a.a.                                                                                                                                                                 |
| <b>Predicted N Terminal</b> | Gln 17                                                                                                                                                                     |
| <b>Form</b>                 | Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.                                                                                                        |
| <b>Molecular Mass</b>       | The recombinant HA1 subunit of the Influenza A virus (A/Hong Kong/1/1968(H3N2) hemagglutinin consists 340 amino acids and predicts a molecular mass of 37.6 kDa.           |
| <b>Endotoxin</b>            | < 1.0 EU per µg of the protein as determined by the LAL method.                                                                                                            |
| <b>Purity</b>               | >95 % as determined by SDS-PAGE.                                                                                                                                           |
| <b>Stability</b>            | Samples are stable for up to twelve months from date of receipt at -70°C.                                                                                                  |
| <b>Storage</b>              | Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be                                                                                    |

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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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