

## Recombinant H7N3 HA, His-tagged

**Cat. No.** HA-452H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                           |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | A DNA sequence encoding the Influenza A virus (A/turkey/Italy/214845/2002(H7N3)) hemagglutinin (CAF33017.1) (Met1-Arg349), termed as HA1, was expressed with a C-terminal polyhistidine tag.                                                                              |
| <b>Species</b>          | H7N3                                                                                                                                                                                                                                                                      |
| <b>Source</b>           | Human Cells                                                                                                                                                                                                                                                               |
| <b>ProteinLength</b>    | Met1-Arg349                                                                                                                                                                                                                                                               |
| <b>Form</b>             | Lyophilized from sterile PBS, pH7.4.                                                                                                                                                                                                                                      |
| <b>Molecular Mass</b>   | The recombinant HA1 subunit of Influenza A virus (A/turkey/Italy/214845/2002(H7N3)) comprises 332 amino acids and has a predicted molecular mass of 36.5 kDa. The apparent molecular mass of the protein is approximately 47.3 kDa in SDS-PAGE under reducing conditions. |
| <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 -70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.                                                                                                                       |

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**Reconstitution**

Hardcopy of COA with reconstitution instruction is sent along with the products.

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