

## Recombinant H1N1 (A/Texas/05/2009) HA Protein, His-tagged

**Cat. No.** HA-794V    **Lot. No.** (See product label)

### SPECIFICATION

|                             |                                                                                                                                                                                                                                                                 |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>     | Recombinant extracellular domain of the influenza A H1N1 (A/Texas/05/2009 (H1N1)) hemagglutinin (ACP41934.1) (Met 1-Gln 529, HA1+HA2, uncleveld), was fused with a C-terminal polyhistidine tag.                                                                |
| <b>Species</b>              | H1N1                                                                                                                                                                                                                                                            |
| <b>Source</b>               | HEK293                                                                                                                                                                                                                                                          |
| <b>ProteinLength</b>        | 1-529 a.a.                                                                                                                                                                                                                                                      |
| <b>Predicted N Terminal</b> | Asp 18                                                                                                                                                                                                                                                          |
| <b>Form</b>                 | Lyophilized from sterile PBS, pH 7.4, 5% ~ 8% trehalose and mannitol.                                                                                                                                                                                           |
| <b>Molecular Mass</b>       | The secreted recombinant influenza A H1N1 hemagglutinin (A/Texas/05/2009 (H1N1)) comprises 523 amino acids and has a predicted molecular mass of 59 kDa. As a result of glycosylation, the apparent molecular mass of the protein is approximately 70-80 kDa in |
| <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.                                                                                                                                                                                       |

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**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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