

## Recombinant H1N1 (A/Ohio/UR06-0091/2007) HA1 Subunit Protein, His-tagged

Cat. No. HA-3289V    Lot. No. (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                 |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant H1N1 (A/Ohio/UR06-0091/2007) HA1 Subunit Protein(Met 1-Arg 343)(ABW40422.1) was expressed in HEK293, fused with a C-terminal polyhistidine tag.                                                                                                                                                     |
| <b>Species</b>          | H1N1                                                                                                                                                                                                                                                                                                            |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                          |
| <b>ProteinLength</b>    | 1-343 aa                                                                                                                                                                                                                                                                                                        |
| <b>Form</b>             | Lyophilized from sterile PBS, pH 7.4.                                                                                                                                                                                                                                                                           |
| <b>Molecular Mass</b>   | The secreted recombinant HA1 subunit of influenza A H1N1 HA (A/Ohio/UR06-0091/2007 (H1N1)) comprises 337 amino acids and has a predicted molecular mass of 37.8 kDa. As a result of glycosylation, the apparent molecular mass of the protein is approximately 55-70 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>           | > 97 % as determined by SDS-PAGE                                                                                                                                                                                                                                                                                |
| <b>Storage</b>          | Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.                                                                                                                            |

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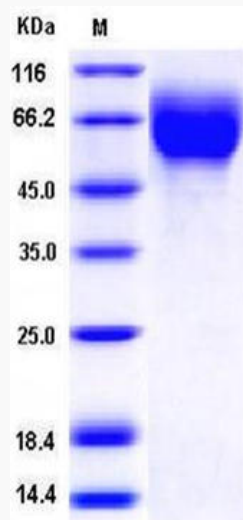
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## Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## SDS-PAGE



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