

## Recombinant H1N1 (A/Puerto Rico/8/34) HA Protein, His-tagged

**Cat. No.** HA-333V    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                        |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant H1N1 (A/Puerto Rico/8/34) HA Protein(Met 1-Gln 528)(ABD77675.1) was expressed in HEK293, fused with a C-terminal polyhistidine tag.                                                                                                                        |
| <b>Species</b>          | H1N1                                                                                                                                                                                                                                                                   |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                 |
| <b>ProteinLength</b>    | 1-528 aa                                                                                                                                                                                                                                                               |
| <b>Form</b>             | Supplied as sterile 20mM Tris,150mM NaCl,0.1M Arg,0.1M Glu,10%glycerol,0.01% tween20, pH8.5.                                                                                                                                                                           |
| <b>Molecular Mass</b>   | The secreted recombinant influenza A H1N1 (A/Puerto Rico/8/1934 (H1N1)) HA comprises 522 amino acids and has a predicted molecular mass of 59 kDa. As a result of glycosylation, it migrates as an approximately 60-70 kDa band 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>           | > 88 % 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.                                                                                   |

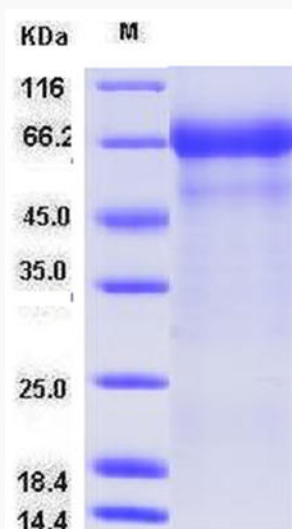
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**Concentration** 0.1-1.0 mg/ml

**SDS-PAGE**



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