

Recombinant H1N1 (A/California/04/2009) HA protein, His-tagged

Cat. No. HA-283V Lot. No. (See product label)

SPECIFICATION

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| Product Overview | Recombinant H1N1 (A/California/04/2009) HA protein(ACP41105.1)(Met 1-Gln 529) (Native, HA1+HA2, uncleaved) was expressed in HEK293 with a C-terminal polyhistidine tag. |
| Species | H1N1 |
| Source | HEK293 |
| ProteinLength | 1-529 aa |
| Form | Lyophilized from sterile PBS, pH 7.4. |
| Molecular Mass | The secreted recombinant hemagglutinin of Influenza A virus (A/California/04/2009 (H1N1)) comprises 523 amino acids with the predicted molecular mass of 59 kDa. As a result of glycosylation, it migrates as an approximately 75-80 kDa band in SDS-PAGE under reducing conditions. |
| Endotoxin | < 1.0 EU per µg of the protein as determined by the LAL method. |
| Purity | > 90 % as determined by SDS-PAGE |
| Storage | 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. |

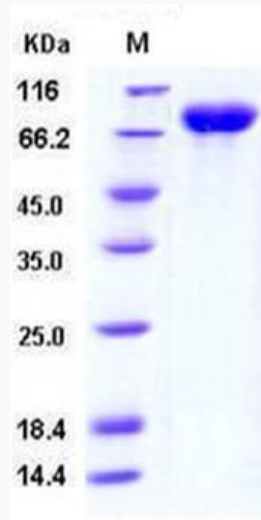
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Reconstitution

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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