

Recombinant H1N1 (A/California/07/2009) HA Protein, His-tagged

Cat. No. HA-298V **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant H1N1 (A/California/07/2009) HA Protein(ACP44189.1)(Met 1-Gln 529) (HA1+HA2, two amino acids deletion, uncleaved) was expressed in HEK293, fused with a polyhistidine tag at the C-terminus.
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/07/2009(H1N1)) comprises 521 amino acids with the predicted molecular mass of 59 kDa. As a result of glycosylation, it migrates as an approximately 75-85 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 95 % 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.

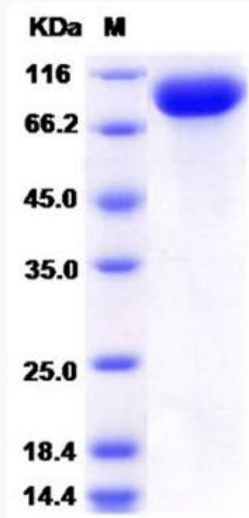
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Reconstitution

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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