

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

Cat. No. HA-282V **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant H1N1 (A/California/04/2009) HA Protein(ACP41105.1)(Met 1-Gln 529) (Native, HA1+HA2, 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 50mM Tris, 100mM NaCl, pH 8.0.
Bio-activity	Measured by its ability to agglutinate human red blood cells. HA titer is 0.5-2 µg/mL for 1% HRBC.
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 estimated in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 97 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to

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 Email: info@creative-biomart.com  Fax: 1-631-938-8127

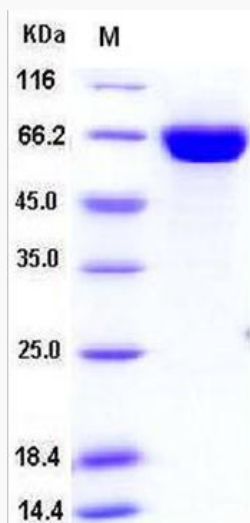
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aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

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

SDS-PAGE



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