

Active Recombinant H1N1 (A/California/04/2009) HA0 Protein

Cat. No. HA-285V Lot. No. (See product label)

SPECIFICATION

Product Overview	Active Recombinant H1N1 (A/California/04/2009) HA0 Protein(Met1-Ile566), termed as HA, was expressed in Insect Cells.
Species	H1N1
Source	Insect Cells
ProteinLength	1-566 aa
Form	Lyophilized from sterile 20 mM Tris, 500 mM NaCl, 10 % glycerol, pH 7.5.
Bio-activity	Measured by its ability to agglutinate guinea pig red blood cells. HA titer is 2-10 µg/mL for 1%GRBC.
Molecular Mass	The recombinant hemagglutinin of Influenza A virus (A/California/04/2009 (H1N1)) consists 549 amino acids and predicts a molecular mass of 61.5 kDa.
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.

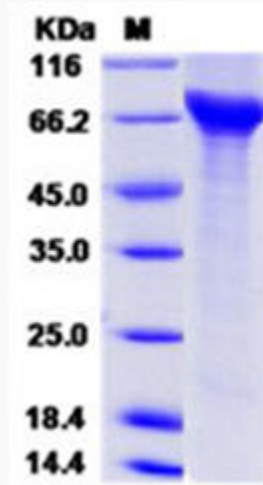
 Tel: 1-631-559-9269 1-516-512-3133

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

 45-1 Ramsey Road, Shirley, NY 11967, USA

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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