

# Recombinant H1N1 (A/New Caledonia/20/99) HA Protein, His-tagged

**Cat. No.** HA-331V    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant influenza hemagglutinin (A/New Caledonia/20/99 (H1N1)) (Met 1-Gln 528) (AAP34324.1), (HA1+HA2, uncleaved) was fused with a C-terminal polyhistidine tag.
<b>Species</b>	H1N1
<b>Source</b>	HEK293
<b>ProteinLength</b>	1-528 a.a.
<b>Predicted N Terminal</b>	Asp 18
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
<b>Molecular Mass</b>	The secreted recombinant influenza A H1N1 HA (A/New Caledonia/20/1999 (H1N1)) comprises 522 amino acids and has a predicted molecular mass of 59 kDa. As a result of glycosylation, it migrates as an approximately 65-75 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>	>98 % as determined by SDS-PAGE.
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -70°C.

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

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



**Storage**

Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted 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 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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