

Active Recombinant H1N1 (A/Solomon Islands/3/2006) HA Protein, His-tagged

Cat. No. HA-382V Lot. No. (See product label)

SPECIFICATION

Product Overview	Active Recombinant H1N1 (A/Solomon Islands/3/2006) HA Protein(ABU99109.1)(Met 1-Gln 528, HA1+HA2, uncleveld) was expressed in HEK293, fused with a C-terminal polyhistidine tag.
Species	H1N1
Source	HEK293
ProteinLength	1-528 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Bio-activity	Measured by its ability to agglutinate human red blood cells. HA titer is 2-8 µg/mL for 1% HRBC.
Molecular Mass	The secreted recombinant influenza A H1N1 hemagglutinin (A/Solomon Islands/3/2006 (H1N1)) comprises 522 amino acids and has a predicted molecular mass of 59 kDa. As a result of glycosylation, the apparent molecular mass of the protein is approximately 60-70 kDa 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

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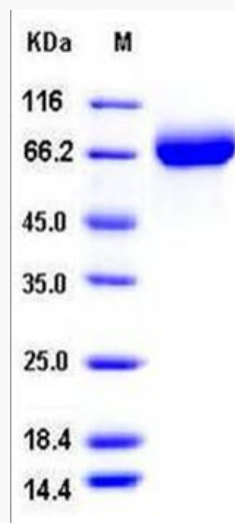
 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

Storage Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to 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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