

Active Recombinant Influenza A H1N1 (A/swine/Jiangsu/J004/2018) HA Protein, His-tagged

Cat. No. HA-550H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Influenza A H1N1 (A/swine/Jiangsu/J004/2018) HA Protein(QEM24690.1)(Met1-Ile530), fused with His tag, was expressed in HEK293.
Species	H1N1
Source	HEK293
ProteinLength	Met1-Ile530
Form	Lyophilized from sterile PBS, pH 7.4. Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Bio-activity	Measured by its ability to agglutinate guinea pig red blood cells. HA titer is 5-50 ng/mL for 1% GRBC.
Molecular Mass	The recombinant Influenza A H1N1 (A/swine/Jiangsu/J004/2018) Hemagglutinin / HA consists of 524 amino acids and predicts a molecular mass of 59.13 kDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE.

 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



Storage

Samples are stable for up to twelve months from date of receipt at -20°C to -80°C
Store it under sterile conditions at -20°C to -80°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 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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