

## Recombinant IAV HA Protein, His tagged

Cat. No. HA-2025I Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Influenza A/Croatia/10136RV/2023 (H3N2)-like virus hemagglutinin, produced in HEK293 cells and purified by metal affinity chromatography, ion exchange chromatography and dialysis.
<b>Species</b>	IAV
<b>Source</b>	HEK293
<b>Description</b>	<p>The influenza A viruses are negative-sense, single-stranded, segmented RNA viruses of the genus Alphainfluenzavirus, family Orthomyxoviridae. There are several subtypes, named according to the type of Haemagglutinin (H1-18) and Neuraminidase (N1-11). Humans are generally infected by influenza viruses of the subtypes H1, H2 or H3, and N1 or N2. In April 2009, a new virus, referred to as A/(H1N1) pdm09, appeared in Mexico and California (US), and was responsible for the first pandemics of the 21st century (claiming several hundred lives). It spreads rapidly from person to person, and is not related to any circulating inter-pandemic viruses. It is a quadruple reassortant virus, consisting of two swine-origin viruses, one avian-origin virus and one human-origin virus. It has a high fatality rate and shows higher incidence among younger people. WHO convenes technical consultations in February and September each year to recommend viruses for inclusion in influenza vaccines for the northern and southern hemisphere influenza seasons, respectively.</p>
<b>Form</b>	Liquid

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

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

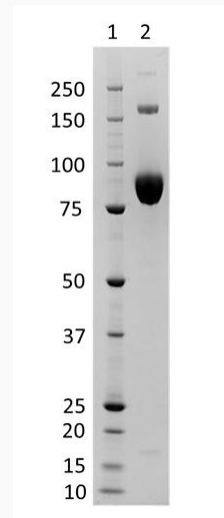
 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Molecular Mass</b>	62 kDa
<b>Storage</b>	Short Term Storage: -80 centigrade Long Term Storage: -80 centigrade
<b>Concentration</b>	1.51 mg/mL
<b>Storage Buffer</b>	Presented as liquid in DPBS with high purity by SDS-PAGE.

## GENE INFORMATION

<b>Official Symbol</b>	HA
<b>Synonyms</b>	HA; hemagglutinin

## SDS-PAGE



Representative Coomassie-stained reducing SDS-PAGE showing purified Influenza A/Croatia/10136RV/2023 (H3N2)-like virus hemagglutinin.

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