

Recombinant IAV HA Protein, His tagged

Cat. No. HA-2024I **Lot. No.** (See product label)

SPECIFICATION

Product Overview Influenza A/District of Columbia/27/2023 (H3N2)-like virus hemagglutinin with His-tag was expressed in HEK293 and purified by metal-affinity chromatography, ion exchange chromatography and finalised by dialysis.

Species IAV

Source HEK293

Description 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.

Form Liquid

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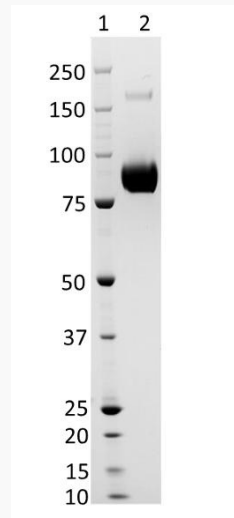
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Molecular Mass	62.48 kDa
Storage	Short Term Storage: -80 centigrade Long Term Storage: -80 centigrade
Concentration	0.86 mg/mL
Storage Buffer	Presented as liquid in DPBS with high purity by SDS-PAGE.

GENE INFORMATION

Official Symbol	HA
Synonyms	HA; hemagglutinin

SDS-PAGE



Representative Coomassie-stained reducing SDS-PAGE showing purified Influenza A/District of Columbia/27/2023 (H3N2)-like virus hemagglutinin.

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