

Recombinant IAV NA Protein, His tagged

Cat. No. NA-2027I **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Influenza A/Croatia/10136RV/2023 (H3N2)-like virus neuraminidase, N-terminal His-tag/tetrabrachion domain. This protein has its naturally occurring tetrameric presentation stabilized using a N-terminal tetrabrachion domain. The protein was produced in HEK293 cells and purified from culture supernatant of transfected cells.
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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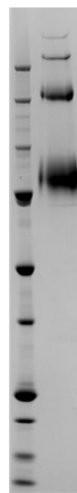
Molecular Mass	57 kDa
Storage	Short Term Storage: -80 centigrade Long Term Storage: -80 centigrade
Concentration	0.23 mg/mL
Storage Buffer	Presented as liquid in DPBS with high purity by SDS-PAGE

GENE INFORMATION

Official Symbol	NA
Synonyms	NA; neuraminidase

SDS-PAGE

250
150
100
75
50
37
25
20
15
10



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

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