Recombinant Influenza A Virus H2N2 HA1(A/Canada/720/2005), His-tagged

DAG1763 H2N2

Lot. No. (See product label)

PRODUCT INFORMATION

Product overview	HA1 (H2N2) (A/Canada/720/2005) (AAY28987, 13 a.a. - 340 a.a.) partial recombinant protein with His tag expressed in 293 cells.
Antigen Description	Influenza A virus is a major public health threat. Novel influenza virus strains caused by genetic drift and viral recombination emerge periodically to which humans have little or no immunity, resulting in devastating pandemics. Influenza A can exist in a variety of animals; however it is in birds that all subtypes can be found. These subtypes are classified based on the combination of the virus coat glycoproteins hemagglutinin (HA) and neuraminidase (NA) subtypes. Hemagglutinin binds to sialic acid-containing receptors on the cell surface, bringing about the attachment of the virus particle to the cell. It plays a major role in the determination of host range restriction and virulence and is responsible for penetration of the virus into the cell cytoplasm by mediating the fusion of the membrane of the endocytosed virus particle with the endosomal membrane.
Source	293 cells
Species	H2N2
Tag	His
Form	Liquid
Applications	SDS-PAGE

PACKAGING

Storage	Store at 4°C. Do not freeze. Stable for 6 month from the date of shipment.
Concentration	1 ug/uL
Buffer	In PBS

BACKGROUND

Introduction	H2N2 is a subtype of the type influenzavirus A. H2N2 has mutated into various strains including the Asian flu strain (now extinct in the wild), H3N2, and various strains found in birds. It is also suspected of causing a human pandemic in 1889. The geographic spreading of the 1889 Russian flu have been studied and published.
Keywords	Influenza A virus subtype H2N2; H2N2

REFERENCES

1. Starling, Arthur. [2006] (2006) Plague, SARS, and the Story of Medicine in Hong Kong. HK University Press. ISBN 962-209-805-3. 2. Chapter Two : Avian Influenza by Timm C. Harder and Ortrud Werner from free on-line Book called Influenza Report 2006 which is a medical textbook that provides a comprehensive overview of epidemic and pandemic influenza.

IMAGES

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