

Product datasheet

Recombinant Influenza A Virus Hemagglutinin protein ab124596

1 Image

Description

Product name	Recombinant Influenza A Virus Hemagglutinin protein	
Purity	> 90 % SDS-PAGE. Affinity purified	
Expression system	Baculovirus infected BTI-TN-5B1-4 cells	
Accession	<u>C6KNH7</u>	
Protein length	Protein fragment	
Animal free	No	
Nature	Recombinant	
Sequence	ADPMQKLPGN DNSTATLCLG HHAVPNGTIV KTTTNDQIEV TNATELVQSS STGEICDSPH QILDGKNCTL IDALLGDPQC DGFQNKKDWL FVERSKAYSN CYPYDVPDYA SLRSLVASSG TLEFNNESFN WTGVTQNGTS SACIRRSKNS FFSRLNWLTH LNFKYPALNV TMPNNEQFDK LYWGVHHPG TDKDQIFLYA QASGRITVST KRSQQTVSPN IGSRPRVRNI PSRISMWTI VKPGDILLIN STGNLIAPRG YFKIRSGKSS IMRSDAIGK CNSECITPNG SIPNDKPFQN VNRITYGACP RYVKQNTLKL ATGMRNVPEK QTRHHHHHH	
Predicted molecular weight	38 kDa including tags	
Amino acids	17 to 345	
Tags	His tag N-Terminus	

Specifications

Our **Abpromise guarantee** covers the use of **ab124596** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications SDS-PAGE

Form Liquid

Preparation and Storage

Stability and Storage

Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

pH: 8.00

Constituents: 0.32% Tris HCl, 10% Glycerol (glycerin, glycerine)

General Info

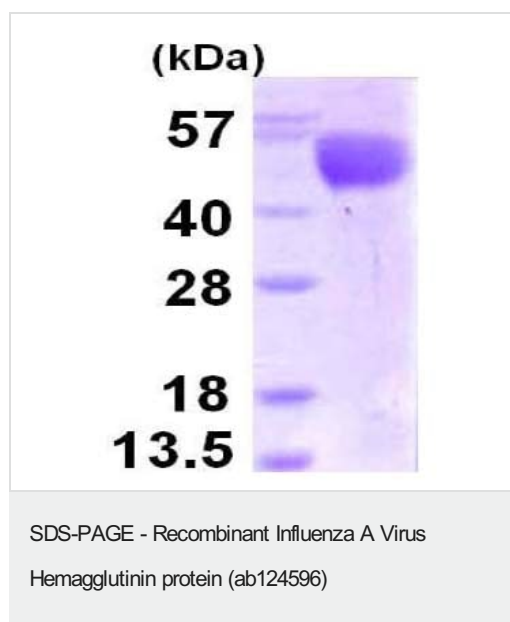
Relevance

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. During 1997, an H5N1 avian influenza virus was determined to be the cause of death in 6 of 18 infected patients in Hong Kong. There was some evidence of human to human spread of this virus, but it is thought that the transmission efficiency was fairly low. HA interacts with cell surface proteins containing oligosaccharides with terminal sialyl residues. Virus isolated from a human infected with the H5N1 strain in 1997 could bind to oligosaccharides from human as well as avian sources, indicating its species jumping ability. Influenza A Virus Hemagglutinin antibodies recognize the influenza hemagglutinin epitope, which has been used extensively as a general epitope tag in expression vectors. The extreme specificity of this antibody allows for unambiguous identification and quantitative analysis of the tagged protein.

Cellular localization

Apical cell membrane; Single-pass type I membrane protein. Note=Targeted to the apical plasma membrane in epithelial polarized cells through a signal present in the transmembrane domain. Associated with glycosphingolipid- and cholesterol-enriched detergent-resistant lipid rafts.

Images



15% SDS-PAGE showing ab124596 (3µg).

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- We investigate all quality concerns to ensure our products perform to the highest standards

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