abcam

Product datasheet

Recombinant Influenza A H3 (H3N2) protein ab124562

1 References 1 Image

Description

Product name	Recombinant Influenza A H3 (H3N2) protein
Purity	> 90 % SDS-PAGE. Affinity purified
Expression system	Baculovirus infected BTI-TN-5B1-4 cells
Accession	E2E3B0
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Influenza A
Sequence	ADNLPGNENN AATLCLGHHA VPNGTIVKTI TDDQIEVTNA TELVQNSSTG KICNNPHKIL DGRDCTLIDA LLGDPHCDVF QNETWDLFVE RSNAFSNCYP YDVPDYASLR SIVASSGTLE FITEGFTWAG VTQNGGSGAC KKGPANGFFS RLNWLTKSGN TYPVLNVTMP NNNNFDKLYI WGVHHPSTNQ EQTSLYIQAS GRVKVSTRRS QQTIIPNIGS RPLVRGQSGR ISVYWTIVKP GDVLVINSNG NLIAPRGYFK MRIGKSSIMR SDAPIDTCIS ECITPNGSIP NEKPFQNVNK ITYGACPKYV KQNTLKLATG MRNVPERQTH HHHHH
Predicted molecular weight	37 kDa
Amino acids	18 to 344
Tags	His tag C-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab124562** 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. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 8.00
Constituents: 0.32% Tris HCl, 10% Glycerol (glycerin, glycerine)

General Info

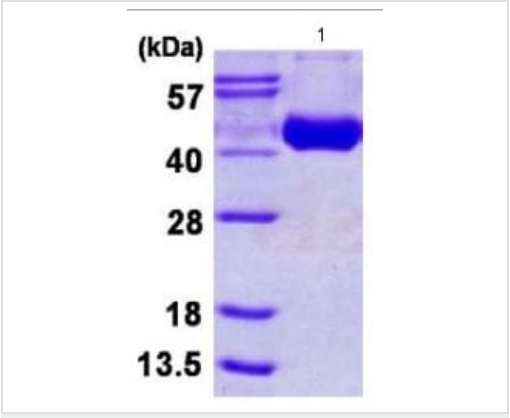
Relevance

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. 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.

Cellular localization

Virion membrane; Single-pass type I membrane protein. Potential host apical cell membrane; Single-pass type I membrane protein

Images



SDS-PAGE - Recombinant Influenza A H3 (H3N2) protein (ab124562)

ab124562 (3µg) visualised by SDS-PAGE (15%).

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

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