Datasheet for ABIN7596378

Hemagglutinin Protein (HA) (AA 18-344) (His tag)

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Overview

Quantity:	250 µg
Target:	Hemagglutinin (HA)
Protein Characteristics:	AA 18-344
Origin:	Influenza A Virus
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Hemagglutinin protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	NLPGNEN NAATLCLGHH AVPNGTIVKT ITDDQIEVTN ATELVQNSST GKICNNPHKI LDGRDCTLID ALLGDPHCDV FQNETWDLFV ERSNAFSNCY PYDVPDYASL RSIVASSGTL EFITEGFTWA GVTQNGGSGA CKRGPANGFF SRLNWLTKSG NTYPVLNVTM PNNNNFDKLY IWGVHHPSTN QEQTSLYIQA SGRVTVSTRR SQQTIIPNIG SRPLVRGQSG RISVYWTIVK PGDVLVINSN GNLIAPRGYF KMRIGKSSIM RSDAPIDTCI SECITPNGSI PNEKPFQNVN KITYGACPKY VKQNTLKLAT GMRNVPEKQT
Purity:	> 90% by SDS-PAGE
Endotoxin Level:	< 1 EU per 1ug of protein (determined by LAL method)

Target Details

Target:	Hemagglutinin (HA)

Target Details

Alternative Name:	H3N2 Hemagglutinin/HA1 (HA Products)
Target Type:	Influenza Protein
Background:	H3N2-HA1, also known as hemagglutinin antigen, is a subtype of viruses that causes influenza (flu). H3N2 Viruses can infect birds and mammals. In birds, humans, and pigs, the virus has mutated into many strains. It is increasingly abundant in seasonal influenza. This protein binds to sialic acid receptors on the cell surface, allowing viral particles to attach to cells. It plays an important role in host range restriction and toxicity determination, and mediates the penetration of virus into the cytoplasm by mediating the fusion of endosomal membrane and membrane. Recombinant Influenza A virus (H3N2, canine) HA protein, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Molecular Weight:	36.9 kDa (336aa)

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Can be stored at +2°C to +8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.