abcam

Product datasheet

Recombinant Avian Influenza A Hemagglutinin protein ab217663

1 Image

Description

Product name	Recombinant Avian Influenza A Hemagglutinin protein
Purity	> 95 % SDS-PAGE.
Endotoxin level	< 0.010 Eu/µg
Expression system	HEK 293 cells
Accession	AJE30333
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Sequence	DQICIGYHANNSTKQVDTIMEKNVTVTHAQDILEKTHNG KLCDLNGVKPL ILKDCSVAGWLLGNPMCDEFIRVPEWSYIVERANPAN DLCYPGTLNDYEE LKHLLSRINHFEKTLIIPRSSWPNHETSLGVSAACPYQG ASSFFRNVVWL IKKNDAYPTIKISYNNTNREDLLILWGIHHSNNAAEQTNLY KNPDTYVSV GTSTLNQRLVPKIATRSQVNGQSGRMDFFWTILKPNDA IHFESNGNFIAP EYAYKIVKKGDSTIMKSEMEYGHCNTKCQTPIGAINSSM PFHNIHPLTIG ECPKYVKSNKLVLATGLRNSPLRER
Predicted molecular weight	37 kDa
Amino acids	17 to 341
Tags	His tag C-Terminus
Additional sequence information	Influenza A virus (H5N8) (A/gyrfalcon/Washington/41088-6/2014). A0A0C4X0C0-1

Specifications

Our Abpromise guarantee covers the use of **ab217663** 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

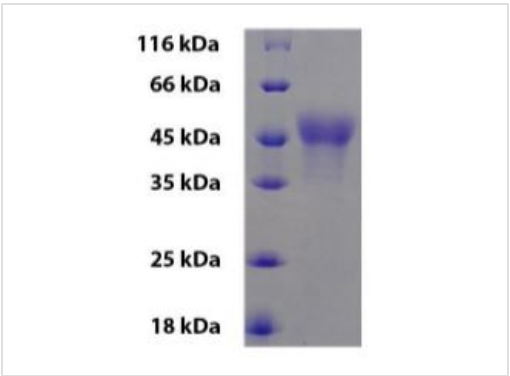
Preparation and Storage

Stability and Storage	Shipped at 4°C. Store at -20°C long term. Preservative: 0.01% Sodium azide Constituents: 79% PBS, 20% Glycerol

General Info

Relevance	Influenza A virus is a major public health threat, killing more than 30,000 people per year in the USA. 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. 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.
Cellular localization	Cell Membrane

Images



SDS-PAGE - Recombinant Avian Influenza A Hemagglutinin protein (ab217663)

10% SDS-PAGE analysis of ab217663.

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