

H3N2-HA1 recombinant protein

Recombinant H3N2-HA1

CATALOG # AAA48310	HOST Baculovirus	APPLICATIONS SDS-Page
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PRODUCT SYNONYMS

H3N2-HA1; Recombinant H3N2-HA1; Hemagglutinin; H3N2-HA1 recombinant protein

PRODUCT SPECIFICATIONS

Host	Baculovirus
Purity/Purification	>90% by SDS-PAGE
Form/Format	Liquid; In Phosphate Buffered Saline (pH 7.4) Containing 10% Glycerol.
Concentration	0.5mg/ml (determined by Absorbance at 280nm) (varies by lot)
Sequence Positions	18-344aa
Sequence	ADPNLPGNEN 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 HHHHHH
Applicable Applications for H3N2-HA1 recombinant protein	SDS-PAGE
Species	Influenza A virus (H3N2, Canine)
Endotoxin	<1.0 EU per 1ug of protein (determined by LAL method)
Tag	His-Tag
Predicted N-Terminal	Ala
Preparation and Storage	Can be stored at 2 degree C to 8 degree C for 1 week. For long term storage, aliquot and store at -20 degree C to -80 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain

ADDITIONAL INFORMATION

Related Product Information for H3N2-HA1 recombinant protein	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.
Product Categories/Family for H3N2-HA1 recombinant protein	Virus
References	Rene Gramer., et al. (2007) Can J Vet Res. 71:201-206. Blanton., et al. (2017) MMWR Morb Mortal Wkly. 66:1043-1051.

NCBI AND UNIPROT INFORMATION

UniProt Accession #	E2E3B0
Molecular Weight	36.9kDa (336aa)
UniProt Protein Name	Hemagglutinin
UniProt Gene Name	HA

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/ha-recombinant-protein-baculovirus-sds-page/48310>