

HA (B/Florida/4/2006) Recombinant Protein | HA recombinant protein

HA (aa 16-546)(B/Florida/4/2006)

CATALOG # AAA13746	HOST 293 cell culture	APPLICATIONS Western Blot, ELISA
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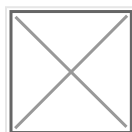
PRODUCT SYNONYMS

HA (B/Florida/4/2006); HA (aa 16-546)(B/Florida/4/2006); HA (B/Florida/4/2006)(aa 16-546); HA; 6xHis tagged ectodomain of human influenza B virus hemagglutinin (B/Florida/4/2006) (aa 17-546); glycosylated recombinant protein; HA recombinant protein

PRODUCT SPECIFICATIONS

Host	293 cell culture
Purity/Purification	≥ 95% purity (SDS-PAGE)
Concentration	1 ug/ul in PBS (varies by lot)
Sequence	DRICTGITSS NSPHVVKTAT QGEVNVTVGI PLTTTPTKSY FANLKGTRTR GKLCPDCLNC TDLVALGRP MCVGTTPSAK ASILHEVKPV TSGCFPIMHD RTKIRQLPNL LRGYENIRLS TQNVIDAKAP GGPYRLGTSG SCPNATSKSG FFATMAWAVP KDNKNATNP LTVEVPYICT EGEDQITVWG FHSDDKTQMK NLYGDSNPQK FTSSANGVTT HYVSQIGSFP DQTEDGGLPQ SGRIVVDYMM QKPGTGITVY QRGVLLPQKV WCASGRSKVI KGSLPLIGEA DCLHEKYGGL NKSHPYYTGE HAKAIGNCPI WVKTPKLAN GTKYRPPAKL LKERGFFGAI AGFLEGGWEG MIAGWHGYTS HGAHGVAVAA DKSTQEAINK ITKNLNSLSE LEVKNLQRLS GAMDELHNEI LELDEKVDDL RADTISSQIE LAVLLSNEGI INSEDEHLLA LERKLKMLG PSAVEIGNGC FETKHKCNQT CLDRIAAGTF NAGEFSLPFD SLNITAASLN DDGLDNH
Sequence Length	584
Applicable Applications for HA recombinant protein	WB (Western Blot), ELISA, Immunogen
Application Notes	Western blot standard, antibody ELISA, antigen, etc.
Endotoxin Level	<0.01 EU per 1 ug of the protein by LAL test
Viral Protein	C-terminal 6xHis tagged ectodomain of human influenza B virus (B/Florida/4/2006) HA protein (amino acid 16-546) (Genebank No. ACA33493)
Preparation and Storage	Store at -20 degrees C; Stable for 6-months from the date of receipt when kept at 4 degrees C. Non-hazardous. No MSDS required

IMAGES



Application Data

SDS-PAGE: purified HA (B/Florida/4/2006)(aa 16-546) proteinA, reducing condition; B, non-reducing condition

ADDITIONAL INFORMATION

Related Product Information for HA recombinant protein	Description: Viral protein purified from 293 cell culture Introduction: Influenza hemagglutinin (HA) is a type of hemagglutinin found on the surface of the influenza viruses. HA is an antigenic glycoprotein, like all other hemagglutinins, it causes red blood cells to agglutinate. HA is responsible for binding the virus to the cell that is being infected. HA proteins bind to cells with sialic acid on the membranes, such as cells in the upper respiratory tract or erythrocytes. HA is a homotrimeric integral membrane glycoprotein. HA monomer is synthesized as a single polypeptide that is subsequently cleaved into two smaller polypeptides, the HA1 and HA2 subunits. Each HA monomer consists of a long, helical chain anchored in the membrane by HA2 and topped by a large HA1 globule.
Product Categories/Family for HA recombinant protein	Viral Recombinant Proteins; Influenza
References	Velkov T, etc. A gel-capture assay for characterizing the sialys-glycan selectivity of influenza viruses. Acta Virol. 55, 131-137, 2011.

NCBI AND UNIPROT INFORMATION

NCBI GI #	168825127
NCBI Official Full Name	hemagglutinin
UniProt Protein Name	Hemagglutinin
UniProt Gene Name	HA
UniProt Entry Name	B1AG46_9INFB

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-293-cell-culture-wb-western-blot-elisa-immunogen/13746>