

HA recombinant protein

HA (A/Puerto Rico/8/1934)(H1N1)(aa 18-518) Trimer

CATALOG # AAA13698	HOST 293 cell culture
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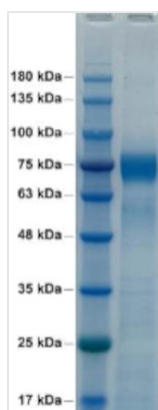
PRODUCT SYNONYMS

HA; HA (A/Puerto Rico/8/1934)(H1N1)(aa 18-518) Trimer; HA recombinant protein

PRODUCT SPECIFICATIONS

Host	293 cell culture
Purity/Purification	>95% pure by 4-20% SDS-PAGE gel
Concentration	1 ug/ul in PBS (varies by lot)
Sequence	DTICIGYHAN NSTDTVDTVL EKNVTVTHSV NLLED SHNGK LCRLKGIAPL QLKGKNIAGW LLGNPECDPL LPVRSWSYIV ETPNSENGIC YPGDFIDYEE LREQSSSVSS FERFEIFPKE SSWPNHNTNG VTAACSHEGK SSFYRNLLWL TEKEGSYPKL KNSYVNKKGK EVLVLVGIIH PPSKEQQNL YQENAYVSV VTSNYNRRFT PEIAERP KVR DQAGRMNYYW TLLKPGDTII FEANGNLIAP MYAFALSRGF GSGIITSNAS MHECNTKCQT PLGAINSSLP YQNIHPVTIG ECPKYVRS AK LRMVTGLRNI PSIQSRGLFG AIAGFIEGGW TGMIDGWYGY HHQNEQSGSY AADQKSTQNA INGITNKVNT VIEKMNIQFT AVGKEFNKLE KRMENLNKKV DDGFLDIWTY NAELLVLEN ERTLDFHDSN VKNLYEKVKS QLKNNAKEIG NGCFEFYHKC DNECMESVRN GTYDYPKYSE ESKLNREKVD G
Application Notes	Western Blot (WB), ELISA (EIA), Antigen
Endotoxin	<0.01 EU per 1 ug of the protein by LAL test
Viral Protein	C-terminal 6xHis tagged hemagglutinin (amino acid 18-518) (H1N1)(A/Puerto Rico/8/1934) protein (GenBank Accession No. AB671289.1). A trimerization domain sequence has been introduced into the C-terminal of HA to stabilize the formation of trimer HA.
Preparation and Storage	Store at -20°C; Stable for 6-months from the date of receipt when kept at 4°C. Nonhazardous. No MSDS required.

IMAGES



SDS-PAGE

Reduced SDS-PAGE: purified HA (aa 18-518)(A/Puerto Rico/8/1934)(H1N1) protein

ADDITIONAL INFORMATION

Related Product Information for HA recombinant protein	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 HA 1 and HA2 subunits. Each HA monomer consists of a long, helical chain anchored in the membrane by HA2 and topped by a large HA 1 globule. Description: Viral protein purified from 293 cell culture
Product Categories/Family for HA recombinant protein	Viral Recombinant Proteins (Expressed in HEK293 unless noted); Influenza A

NCBI AND UNIPROT INFORMATION

NCBI GI #	1174819751
NCBI Official Full Name	HA, partial
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.