

HA (H7N9) (A/Wuxi/2/2013) Recombinant Protein | HA recombinant protein

HA (H7N9)(aa 19-535) (A/Wuxi/2/2013)

CATALOG # AAA13766	HOST 293 cell culture	APPLICATIONS Western Blot, ELISA
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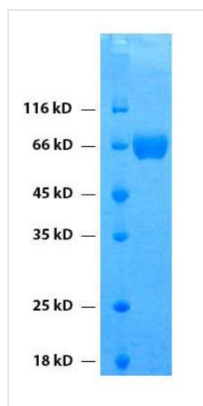
PRODUCT SYNONYMS

HA (H7N9) (A/Wuxi/2/2013); HA (H7N9)(aa 19-535) (A/Wuxi/2/2013); HA (A/Wuxi/2/2013)(aa 19-535); ha (h7n9) (aa19-524) (a/wuxi/22013); HA recombinant protein

PRODUCT SPECIFICATIONS

Host	293 cell culture
Purity/Purification	> = 95% (SDS-PAGE)
Concentration	1 ug/ul in PBS (varies by lot)
Sequence	DKICLGHHAV SNGTKVNTLT ERGVEVVNAT ETVERTNIPR ICSK GKRTVD LGQCGLLGTI TGPPQCDQFL EFSADLIER REGSDVCYPG KFNVEEALRQ ILRESGGIDK EAMGFTYSGI RTNGSTSACR RSGSSFYAEM KWLLSNTDNA AFPQMTKSYK NTRKSPALIV WGIHHSVSTA EQTKLYGSGS KLVTVGSSNY QQSFVPSPGA RPQVNGLSGR IDFWLMLNP NDTVTFSENG AFIAPDRASF LRGKSMGIGS GVQVDANCEG DCYHSGGTII SNLPFQNIDS RAVGKCPRYV KQRSLLATG MKNVPEIPKG RGLFGAIAGF IENGWEGLID GWYGFRHQNA QGEGTAADYK STQSAIDQIT GKLNRLEKT NQQFELIDNE FNEVEKQIGN VINWTRDSIT EVWSYNAELL VAMENQHTID LADSEMDKLY ERVKRQLREN AEEDGTGCFE IFHKCDDDCM ASIRNNTYDH SKYREEAMQN RIQIDPVKLS SGYKDV
Sequence Length	560
Applicable Applications for HA recombinant protein	WB (Western Blot), ELISA, Antigen
Endotoxin Level	<0.01 EU per 1 ug of the protein by LAL test
Viral Protein	C-terminal 6xHis tagged hemagglutinin (H7N9)(A/Wuxi/2/2013) protein (amino acid 19-535)(Genebank accession# AGN69462.1)
Preparation and Storage	Store at -20 degree C. Stable for 3-months from the date of shipment when kept at 4 degree C. Non-hazardous. No MSDS required.

IMAGES



SDS-PAGE

SDS-PAGE: purified HA (H7N9)(A/Wuxi/2/2009)(aa19-535) protein

ADDITIONAL INFORMATION

Related Product Information for HA recombinant protein	Description: Viral recombinant 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. H7N9 is a serotype of the species Influenza virus A (avian influenza virus or bird flu virus). Avian influenza A H7 viruses normally circulate amongst avian populations, but recently new H7N9 variants was first reported to have infected humans in 2013 in China. It is believed that certain mutations might have caused person to person H7N9 transmission.
Product Categories/Family for HA recombinant protein	Viral Recombinant Proteins; Influenza

NCBI AND UNIPROT INFORMATION

NCBI GI #	511105778
NCBI Official Full Name	hemagglutinin
UniProt Protein Name	Hemagglutinin
UniProt Gene Name	HA
UniProt Entry Name	S4UZS9_9INFA

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-antigen/13766>