

Hemagglutinin (HA) Recombinant Protein | HA recombinant protein

Recombinant Influenza A virus Hemagglutinin (HA)

CATALOG # AAA115320	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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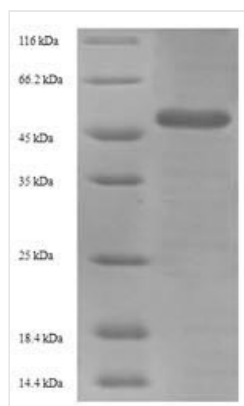
PRODUCT SYNONYMS

Hemagglutinin (HA); Recombinant Influenza A virus Hemagglutinin (HA); Cleaved into the following chain: 1. Hemagglutinin HA1 chain; HA recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-328. Full Length
Sequence	QDLPGNDNST ATLCLGHHAV PNGTLVKIT NDQIEVTNAT ELVQSSSTGK ICNNPHRILD GINCTLIDAL LGDPHCDVFQ DETWDLFVER SKAFSNCYPY DVPDYASLRS LVASSGTLEF ITEGFTWTGV TQNGGSNACK RGPDSGFFSR LNWLTSGST YPVLNVTMPN NDNFDKLYIW GVHHPSTNQE QTSLYVQASG RVTVSTRSQ QTIIPNIGSR PWVRGLSSRI SIYWTIVKPG DVLVINSNGN LIAPRGYFKM RTGKSSIMRS DAPIDTCISE CITPNGSIPN DKPFQNVNKI TYGACPKYVK QNTLKLATGM RNVPEKQT
Species	Influenza A virus (strain A/England/878/1969 H3N2)
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for HA recombinant protein	Binds to sialic acid-containing receptors on the cell surface, bringing about the attachment of the virus particle to the cell. This attachment induces virion internalization of about two third of the virus particles through clathrin-dependent endocytosis and about one third through a clathrin- and caveolin-independent pathway. Plays a major role in the determination of host range restriction and virulence. Class I viral fusion protein. Responsible for penetration of the virus into the cell cytoplasm by mediating the fusion of the membrane of the endocytosed virus particle with the endosomal membrane. Low pH in endosomes induces an irreversible conformational change in HA2, releasing the fusion hydrophobic peptide. Several trimers are required to form a competent fusion pore.
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References	"Antigenic drift in the hemagglutinin of the Hong Kong influenza subtype: correlation of amino acid changes with alterations in viral antigenicity." Sleight M.J., Both G.W., Underwood P.A., Bender V.J. J. Virol. 37:845-853(1981)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	122884
UniProt Accession #	P04664
Molecular Weight	38.1 kDa
NCBI Official Full Name	Hemagglutinin
UniProt Protein Name	Hemagglutinin
UniProt Gene Name	HA
UniProt Entry Name	HEMA_I69A0

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/ha-recombinant-protein-e-coli/115320>