

Influenza A virus Hemagglutinin Recombinant Protein | HA recombinant protein

Recombinant Influenza A virus Hemagglutinin

CATALOG # AAA18592	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
------------------------------	---

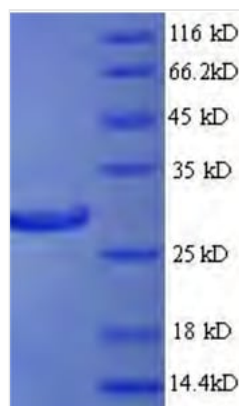
PRODUCT SYNONYMS

Influenza A virus Hemagglutinin; Recombinant Influenza A virus Hemagglutinin; Influenza A virus (strain A/Bangkok/1/1979 H3N2); 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	330-550aa(X347S,X348S,X509S,X538S); partial
Sequence	GIFGAIAGFI ENGWEGMSSG WYGFRRHQNSE GTGQAADLKS TQAAIDQING KLN RVIEKTN EK FHQIEKEF SEVEGRIQDL EKYVEDTKID LWSYNAELLV ALNQHTIDL TDSEMNKLFE KTRRQLRENA EDMGNGCFKI YHKCDNACIG SIRNGTYDHD VYRDEALNNR FQIKGVELKS GYKD WILWIS FAISCFLLCV VLLGFIMVSC QKGNIRCNIC I
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.
Product Categories/Family for HA recombinant protein	Microbiology

References	"Conservation and variation in the hemagglutinins of Hong Kong subtype influenza viruses during antigenic drift." Both G.W., Sleight M.J. J. Virol. 39:663-672(1981)
------------	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	143773618
UniProt Accession #	P03441; Q83961; Q83962; Q9PY85
Molecular Weight	27.3 kDa
NCBI Official Full Name	Hemagglutinin
UniProt Protein Name	Hemagglutinin
UniProt Gene Name	HA
UniProt Entry Name	HEMA_I79A0

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/18592>