Hemagglutinin Recombinant Protein | HA recombinant protein

Recombinant Influenza A virus (strain A/Mallard/New York/6750/1978 H2N2) Hemagglutinin

CATALOG #	HOST
AAA117583	**E Coli or Yeast or Baculovirus or Mammalian Cell**

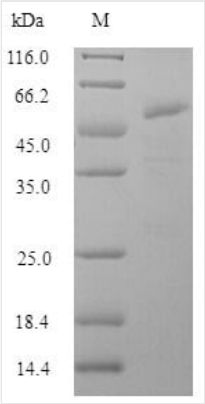
PRODUCT SYNONYMS

Hemagglutinin; Recombinant Influenza A virus (strain A/Mallard/New York/6750/1978 H2N2) Hemagglutinin; Cleaved into the following 2 chains: 1. Hemagglutinin HA1 chain; 2. Hemagglutinin HA2 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	16-339aa; Partial
Sequence	DQICIGYHAN NSTEKVDTIL ERNVTVTHAK DILEKTHNGK LCRLSGIPPL ELGDCSIAGW LLGNPECDRL LSVPEWSYIV EKENPANGLC YPGNFNDYEE LKHLLTRVTH FEKIKILPRD QWTQHTTTGG SRACAVSGNP SFFRNMVWLT KKGSNYPVAK GSYNNTSGEQ MLVIWGIHHP NDDTEQRTLY QNVGTYVSVG TSTLNKRSIP EIATRPKVNG QGGRMEFSWT LLETWDVINF ESTGNLIAPE YGFKISKRGS SGIMKTEKTL ENCETKCQTP LGAINTTLPF HNIHPLTIGE CPKYVKSDRL VLATGLRNVP QIES
Sequence Length	562
Species	Influenza A virus (strain A/Mallard/New York/6750/1978 H2N2)
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	"Origin of the pandemic 1957 H2 influenza A virus and the persistence of its possible progenitors in the avian reservoir." Schafer J.R., Kawaoka Y., Bean W.J., Suss J., Senne D., Webster R.G. Virology 194:781-788(1993)

NCBI AND UNIPROT INFORMATION

NCBI GI #	82020754
UniProt Accession #	Q67282
Molecular Weight	52.2 kDa
NCBI Official Full Name	Hemagglutinin
UniProt Protein Name	Hemagglutinin
UniProt Gene Name	**HA**
UniProt Entry Name	HEMA_I78A3

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://www.aaabiotech.com/ha-recombinant-protein-e-coli/117583