Hemagglutinin (HA) Influenza B Virus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Hemagglutinin (HA), Recombinant Protein
Full Product Name	Recombinant Influenza B virus Hemagglutinin (HA)
Product Gene Name	HA recombinant protein
Product Synonym Gene Name	HA
Sequence	DRICTGITSS NSPHVVKTAT QGEVNVTGVI PLTTTPTKSH FANLKGTKTR GKLCPNCLNC TDLDVALARP MCIGTIPSAK ASILHEVRPV TSGCFPIMHD RTKIRQLPNL LRGYENIRLS THNVINAERA PGGPYRLGTS GSCPNVTSKS GFFATMAWAV PRDNKTATNP LTVEVPYICT KGEDQITVWG FHSDNKNQMN KLYGDSNPQK FTSSVNGVTT HYVSQIGGFP NQTEDGGLPQ SGRIVVDYMV QKPGKTGTIV YQRGVLLPQK VWCASGRSKV IKGSLPLIGE ADCLHEKYGG LNKSKPYYTG EHAKAIGNCP IWVKTPLKLA NGTKYRPPAK LLKER
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	39,046 Da
Sequence Positions	16-360, Full length protein
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for Q67369
Species	Influenza B virus (strain B/Bangkok/163/1990)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for HA recombinant protein	MBS1344353 is a recombinant protein targeting HA. Also known as Recombinant Influenza B virus Hemagglutinin (HA). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of HA recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for HA. It may not necessarily be applicable to this product.

NCBI GI #	56404477
NCBI Accession #	Q67369.1
UniProt Primary Accession #	Q67369
NCBI Official Full Name	Hemagglutinin
UniProt Protein Name	Hemagglutinin

Protein Family	Hemagglutinin
UniProt Gene Name	HA
UniProt Comments for HA	Binds to sialic acid-containing receptors on the cell surface, bringing about the attachment of the virus particle to the cell. 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 induce 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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Online datasheet: https://www.mybiosource.com/recombinant-protein/hemagglutinin-ha/1344353