

Influenza C virus Hemagglutinin-esterase-fusion glycoprotein Recombinant Protein | HE recombinant protein

Recombinant Influenza C virus Hemagglutinin-esterase-fusion glycoprotein

CATALOG # AAA114577	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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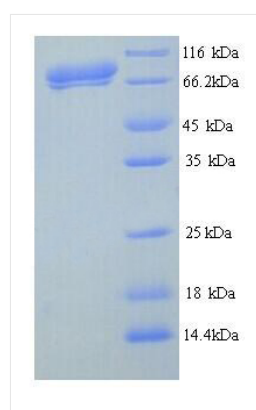
PRODUCT SYNONYMS

Influenza C virus Hemagglutinin-esterase-fusion glycoprotein; Recombinant Influenza C virus Hemagglutinin-esterase-fusion glycoprotein; HE 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	15-629aa; Partial
Sequence	EKIKICLQKQ VNSSFSLHNG FGGNLYATEE KRMFELVKPK AGASVLNQST WIGFGDSRTD QSNSAFPRSL MSAKTADKFR SLSGGSLMLS MFGPPGKVDY LYQCGCHKHV FYEGVNWSPH AAIDCYRKNW TDIKLNFKQS IYELASQSHC MSLVNALDKT IPLQVTKGVA KNCNNSFLKN PALYTQEVKP LEQICGEENL AFFTLPTQFG TYECKLHLVA SCYFIYDSKE VYNKRGCGNY FQVIYDSSGK VVGGLDNRVS PYTGNSGDTP TMQCDMLQLK PGRYSVRSSP RFLMPERSY CFDMKEKGPV TAVQSIWGKG RKSDYAVDQA CLSTPGCMLI QKQKPYIGEA DDHGGDQEMR ELLSGLDYEA RCISQSGWVN ETSPTFEEYL LPPKFGRCP AAKEESIPKI PDGLLIPTSG TDTTVTKPKS RIFGIDDLII GLLFVAIVEA GIGGYLLGSR KESGGGVTK SAEKGFEEKIG NDIQILRSST NIAIEKLNRD ISHDEQAIRD LTLEIENARS EALLGELGII RALLVGNISI GLQESLWELA SEITNRAGDL AVEVSPGCWI IDNNICDQSC QNFIFKFNET APVPTIPPLD TKIDLQSDPF YWGSS
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 HE recombinant protein	Binds to the N-acetyl-9-O-acetylneuraminic acid residues 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 HEF2, releasing the fusion hydrophobic peptide. Several trimers are required to form a competent fusion pore. Displays a receptor-destroying activity which is a neuraminidate-O-acetyl esterase. This activity cleaves off any receptor on the cell surface, which would otherwise prevent virions release. These cleavages prevent self-aggregation and ensure the efficient spread of the progeny virus from cell to cell.
References	Influenza C virus hemagglutinin comparison with influenza A and B virus hemagglutinins.Nakada S., Creager R.S., Krystal M., Aaronson R.P., Palese P.J. Virol. 50:118-124(1984)

NCBI AND UNIPROT INFORMATION

NCBI GI #	122972
UniProt Accession #	P03465
Molecular Weight	70.1 kDa
NCBI Official Full Name	Hemagglutinin-esterase-fusion glycoprotein
UniProt Protein Name	Hemagglutinin-esterase-fusion glycoprotein
UniProt Gene Name	HE
UniProt Synonym Gene Names	HEF; HEF1; HEF2
UniProt Entry Name	HEMA_INCCA

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/he-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/114577>