Coagulation factor XII (F12) Recombinant Protein | F12 recombinant protein

Recombinant Pig Coagulation factor XII (F12)

CATALOG #	HOST
AAA115598	**E Coli or Yeast or Baculovirus or Mammalian Cell**

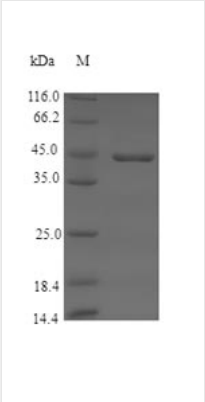
PRODUCT SYNONYMS

Coagulation factor XII (F12); Recombinant Pig Coagulation factor XII (F12); Coagulation factor XII; EC=3.4.21.38; Hageman factor; HAFCleaved into the following 2 chains:; 1. Coagulation factor XIIa heavy chain; 2. Coagulation factor XIIa light chain; F12 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	20-371aa; Partial
Sequence	IPPWKDPRKH KVMASEHTVV LTVTGEPCHF PFQYYRQLYY KCIQRGQRGP RPWCATTPNF EKDQRWAYCL EPMKVKDHCN KGNPCQKGGT CVNMPNGPHC ICPDHFTGKH CQKEKCFEPQ FLQFFQENEI WHRFEPAGVS KCQCKGPKAQ CKPVASQVCS TNPCLNGGSC LQTEGHRLCR CPTGYAGRLC DVDLKERCYS DRGLSYRGMA QTTLSGAPCQ PWASEATYWN MTAEQALNWG LGDHAFCRNP DNDTRPWCFV WRGDQLSWQY CRLARCQAPI GEAPPILTPT QSPSEHQDSP LLSREPQPTT QTPSQNLTSA WCAPPEQRGP LPSAGLVGCG QRLRKRLSSL NR
Sequence Length	371
Species	Sus scrofa (Pig)
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.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for F12 recombinant protein	Factor XII is a serum glycoprotein that participates in the initiation of blood coagulation, fibrinolysis, and the generation of bradykinin and angiotensin. Prekallikrein is cleaved by factor XII to form kallikrein, which then cleaves factor XII first to alpha-factor XIIa and then trypsin cleaves it to beta-factor XIIa. Alpha-factor XIIa activates factor XI to factor XIa (By similarity).

Product Categories/Family for F12 recombinant protein	Cardiovascular

NCBI AND UNIPROT INFORMATION

NCBI GI #	47523558
NCBI GeneID	397474
NCBI Accession #	NP_999407.1
NCBI GenBank Nucleotide #	NM_214242.1
UniProt Accession #	O97507
Molecular Weight	41.8 kDa
NCBI Official Full Name	coagulation factor XII
NCBI Official Symbol	F12
NCBI Official Synonym Symbols	FXII
NCBI Protein Information	coagulation factor XII; HAF; hageman factor
UniProt Protein Name	Coagulation factor XII
UniProt Gene Name	**F12**
UniProt Synonym Gene Names	HAF
UniProt Entry Name	FA12_PIG

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/f12-recombinant-protein-e-coli/115598