

Coagulation Factor XI/F11 Protein, Human (His)

Cat. No.:	HY-P72188
Synonyms:	coagulation factor XI; Coagulation factor Xla light chain; F11; FA11_HUMAN; FXI; MGC141891; Plasma thromboplastin antecedent; Platelet coagulation factor XI ; PTA
Species:	Human
Source:	E. coli
Accession:	P03951 (E19-R387)
Gene ID:	2160
Molecular Weight:	Approximately 45.2 kDa

PROPERTIES

AA Sequence	E C V T Q L L K D T C F E G G D I T T V F T P S A K Y C Q V V C T Y H P R C L L F T F T A E S P S E D P T R W F T C V L K D S V T E T L P R V N R T A A I S G Y S F K Q C S H Q I S A C N K D I Y V D L D M K G I N Y N S S V A K S A Q E C Q E R C T D D V H C H F F T Y A T R Q F P S L E H R N I C L L K H T Q T G T P T R I T K L D K V V S G F S L K S C A L S N L A C I R D I F P N T V F A D S N I D S V M A P D A F V C G R I C T H H P G C L F F T F F S Q E W P K E S Q R N L C L L K T S E S G L P S T R I K K S K A L S G F S L Q S C R H S I P V F C H S S F Y H D T D F L G E E L D I V A A K S H E A C Q K L C T N A V R C Q F F T Y T P A Q A S C N E G K G K C Y L K L S S N G S P T K I L H G R G G I S G Y T L R L C K M D N E C T T K I K P R
Biological Activity	The enzyme activity of this recombinant protein is testing in progress, we cannot offer a guarantee yet.
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 µm solution of PBS, 6% Trehalose, pH 7.4.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH ₂ O.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	Coagulation Factor XI, also known as F11, plays a pivotal role in the middle phase of the intrinsic pathway of blood
------------	--

coagulation. Its key function lies in activating Factor IX, contributing to the cascade of events that lead to the formation of a stable blood clot. Factor XI's role in the intrinsic pathway underscores its importance in the regulation of hemostasis, as it bridges the connection between upstream and downstream coagulation factors.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA