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Datasheet for ABIN1459004

Coagulation Factor X Protein (F10) (AA 41-475) (His tag)

Overview

Quantity:	1 mg
Target:	Coagulation Factor X (F10)
Protein Characteristics:	AA 41-475
Origin:	Chicken
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This Coagulation Factor X protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	ANSFLEEMKQ GNIERECNEE RCSKEEAREA FEDNEKTEEF WNIYVDGDQC SSNPCHYGGQ CKDGLGSYTC SCLDGYQGKN CEFVIPKYCK INNGDCEQFC SIKKSVQKDV VCSCTSGYEL AEDGKQCVSK VKYPCGKVLN KRIKRSVILP TNSNTNATSD QDVPSTNGSI LEEVFTTTTE SPTPPRNGS SITDPNVDTR IVGGDECRPG ECPWQAVLIN EKGEFCGGT ILNEDFILTA AHCINQSKEI KVVVGEVDRE KEEHSETTHT AEKIFVHISKY IAETYNDIA LIKLKEPIQF SEYVPACLP QADFANEVLM NQKSGMVSGF GREFEAGRLS KRLKVLEVPY VDRSTCKQST NFAITENMFC AGYETEQKDA CQGDSGGPHV TRYKDTYFVT GIVSWGEGCA RKGKYGVYTK LSRFLRWVRT VMRQK
Specificity:	Gallus gallus (Chicken)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.

Product Details

Purity: > 90 %

Target Details

Target: Coagulation Factor X (F10)

Abstract: [F10 Products](#)

Background: Recommended name: Coagulation factor X.
EC= 3.4.21.6.
Alternative name(s): Stuart factor Virus-activating protease.
Short name= VAP Cleaved into the following 3 chains: 1.
Factor X light chain 2.
Factor X heavy chain 3.
Activated factor Xa heavy chain

UniProt: [P25155](#)

Application Details

Comment: The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modified such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Concentration: 0.2-2 mg/mL

Buffer: Tris-based buffer, 50 % glycerol

Handling Advice: Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to

Handling

one week

Storage: -20 °C

Storage Comment: Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.