Datasheet for ABIN7585698

PROC Protein (AA 40-456) (His tag)

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Overview

Quantity:	100 µg
Target:	PROC
Protein Characteristics:	AA 40-456
Origin:	Cow
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PROC protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	A NSFLEELRPG NVERECSEEV CEFEEAREIF QNTEDTMAFW SFYSDGDQCE DRPSGSPCDL PCCGRGKCID GLGGFRCDCA EGWEGRFCLH EVRFSNCSAE NGGCAHYCME EEGRRHCSCA PGYRLEDDHQ LCVSKVTFPC GRLGKRMEKK RKTLKRDTNQ VDQKDQLDPR IVDGQEAGWG ESPWQAVLLD SKKKLVCGAV LIHVSWVLTV AHCLDSRKKL IVRLGEYDMR RWESWEVDLD IKEVIIHPNY TKSTSDNDIA LLRLAKPATL SQTIVPICLP DSGLSERKLT QVGQETVVTG WGYRDETKRN RTFVLSFIKV PVVPYNACVH AMENKISENM LCAGILGDPR DACEGDSGGP MVTFFRGTWF LVGLVSWGEG CGRLYNYGVY TKVSRYLDWI YGHIKAQEAP LESQVP
Specificity:	Bos taurus (Bovine)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

Target Details

Target:	PROC
Abstract:	PROC Products
Target Type:	Viral Protein
Background:	Recommended name: Vitamin K-dependent protein C. EC= 3.4.21.69. Alternative name(s): Anticoagulant protein C Autoprothrombin IIA Blood coagulation factor XIV Cleaved into the following 3 chains: 1. Vitamin K-dependent protein C light chain 2. Vitamin K-dependent protein C heavy chain 3. Activation peptide
UniProt:	P00745

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 modificated 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 one week
Storage:	-20 °C

Handling

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