Datasheet for ABIN7585700

PROS1 Protein (AA 42-675) (His tag)

1 Image

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Overview

Quantity:	100 µg
Target:	PROS1 (PROS)
Protein Characteristics:	AA 42-675
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PROS1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	ANTLLEETK KGNLERECIE ELCNKEEARE VFENNPETDY FYPKYLGCLG AFRVGAFSAA RQSANAYPDL RSCVNAIPDQ CDPMPCNEDG YLSCKDGQGA FTCICKPGWQ GDKCQFDINE CKDPSNINGG CSQTCDNTPG SYHCSCKIGF AMLTNKKDCK DVDECSLKPS VCGTAVCKNI PGDFECECPN GYRYDPSSKS CKDVDECSEN TCAQLCVNYP GGYSCYCDGK KGFKLAQDQR SCEGIPVCLS LDLDKNYELL YLAEQFAGVV LYLKFRLPDI TRFSAEFDFR TYDSEGIILY AESLDHSNWL LIALREGKIE VQFKNEFSTQ ITTGGNVINN GIWNMVSVEE LDDSVSIKIA KEAVMNINKL GSLFKPTDGF LDTKIYFAGL PRKVESALIK PINPRLDGCI RGWNLMKQGA LGAKEIVEGK QNKHCFLTVE KGSYYPGSGI AQFSIDYNNV TNAEGWQINV TLNIRPSTGT GVMLALVSGD TVPFALSLVD SGSGTSQDIL VFVENSVAAH LEAITLCSEQ PSQLKCNINR NGLELWTPVR KDVIYSKDLQ RQLAILDKTM KGTVATYLGG VPDISFSATP VNAFYSGCME VNINGVQLDL DEAISKHNDI RAHSCPSVRK IQKNF
Specificity:	Rattus norvegicus (Rat)

Product Details

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

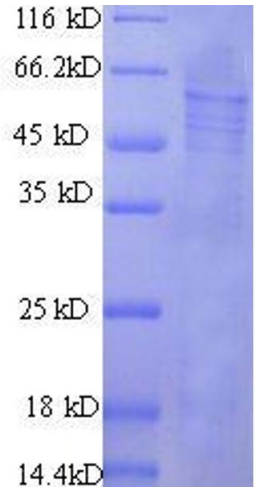
Target:	PROS1 (PROS)
Alternative Name:	Vitamin K-dependent protein S (Pros1) (PROS Products)
Background:	Recommended name: Vitamin K-dependent protein S
UniProt:	P53813

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



SDS-PAGE

Image 1. Protein S (Alpha) (PROS1) (AA 42-675) protein (His tag) expressed in mammalien cells