Datasheet for ABIN7583540

ARPC1B Protein (AA 2-372) (His tag)

Go to Product page

Overview

Quantity:	100 µg
Target:	ARPC1B
Protein Characteristics:	AA 2-372
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This ARPC1B protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	AYHSFLVEP ISCHAWNKDR TQIAICPNNH EVHIYEKSGA KWNKVHELKE HNGQVTGIDW APESNRIVTC GTDRNAYVWT LKGRTWKPTL VILRINRAAR CVRWAPNENK FAVGSGSRVI SICYFEQEND WWVCKHIKKP IRSTVLSLDW HPNNVLLAAG SCDFKCRIFS AYIKEVEERP APTPWGSKMP FGELMFESSS SCGWVHGVCF SAGGSRVAWV SHDSTVCLVD AEKKMAVATL ASETLPLLAI TFITENSLVA AGHDCFPVLF TYDNAAGTLS FGGRLDVPKQ NSQRGLTARE RFQNLDKKAS SEGGAATGAG LDSLHKNSVS QISVLSGGKA KCSQFCTTGM DGGMSIWDVK SLESALKDLK IR
Specificity:	Rattus norvegicus (Rat)
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:	ARPC1B
Alternative Name:	Actin-related protein 2/3 complex subunit 1B (Arpc1b) (ARPC1B Products)
Background:	Recommended name: Actin-related protein 2/3 complex subunit 1B. Alternative name(s): Arp2/3 complex 41 kDa subunit p41-ARC
UniProt:	O88656
Pathways:	RTK Signaling, Regulation of Actin Filament Polymerization

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.