

Datasheet for ABIN7591037

ARPC1A Protein (AA 1-370) (His tag)



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Overview

Quantity:	100 µg
Target:	ARPC1A
Protein Characteristics:	AA 1-370
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This ARPC1A protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MSLHQFLLP ITCHAWNDRD TQIALSPNNH EVHIYKKNGS QWTKAHELKE HNGHITGIDW APKSDRIVTC GADRNAYVWS QKDGWIKPTL VILRINRAAT FVKWSPLENK FAVGSGARLI SVCYFESEND WWVSKHIKKP IRSTVLSLDW HPNNVLLAAG SCDFKCRVFS AYIKEVDEKP ASTPWGSKMP FGQLMSEFGG SGTGGWVHGV SFSASGSRLA WVSHDSTVSV ADASKSVQVS TLRTEFLPLL SVSFVSENSV VAAGHDCCPM LFNYDDRGCL TFVSKLDVPK QSIQRNMSAM ERFRNMDKRA TTEDRNTALE TLHQNSITQV SIYEVDKQDC RKFCTTGIDG AMTIWDFKTL ESSIQGLRIM
Specificity:	Rattus norvegicus (Rat)
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.
Purity:	> 90 %

Target Details

Target:	ARPC1A
Alternative Name:	Actin-related protein 2/3 complex subunit 1A (Arpc1a) (ARPC1A Products)
Background:	Recommended name: Actin-related protein 2/3 complex subunit 1A
UniProt:	Q99PD4
Pathways:	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 modiflicated 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.