Datasheet for ABIN7479280

ARPC2 Protein (AA 1-250, partial) (GST tag)

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1 Image

Overview

Quantity:	100 µg
Target:	ARPC2
Protein Characteristics:	AA 1-250, partial
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This ARPC2 protein is labelled with GST tag.
Application:	ELISA

Product Details

Sequence:	MILLEVNNRIIEETLALKFENAAAGNKPEAVEVTFADFDG VLYHISNPNGDKTKVMVSISLKFYKELQAHGADELLKRVY GSFLVNPESGYNVSLLYDLENLPASKDSIVHQAGMLKRNC FASVFEKYFQFQEEGKEGENRAVIHYRDDETMYVESKKDR VTVVFSTVFKDDDDVVIGKVFMQEFKEGRRASHTAPQVLF SHREPPLELKDTDAAVGDNIGYITFVLFPRHTNASARDNT INLIHTFRDY
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:	95 %

Target Details

Target:	ARPC2
Alternative Name:	Actin-related protein 2/3 complex subunit 2 protein (ARPC2 Products)
Background:	Functions as actin-binding component of the Arp2/3 complex which is involved in regulation of actin polymerization and together with an activating nucleation-promoting factor (NPF) mediates the formation of branched actin networks. Seems to contact the mother actin filament.
Molecular Weight:	55.8 kD
UniProt:	O15144
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

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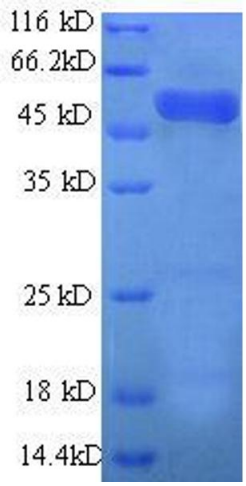

SDS-PAGE

Image 1. Actin Related Protein 2/3 Complex, Subunit 2, 34kDa (ARPC2) (AA 1-250), (partial) protein (GST tag)

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