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Datasheet for ABIN1661145 Actin Protein (AA 3-376) (His tag)



Overview	
Quantity:	1 mg
Target:	Actin (ACTA1)
Protein Characteristics:	AA 3-376
Origin:	Aplysia californica
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This Actin protein is labelled with His tag.
Application:	ELISA
Product Details	
Sequence:	DDEVAALV VDNGSGMCKA GFAGDDAPRA VFPSIVGRPR HQGVMVGMGQ KDSYVGDEAQ
	SKRGILTLKY PIEHGIVTNW DDMEKIWHHT FYNELRVPPE EHPVLLTEAP LNPKANREKM
	TQIMFETFNA PAMYVAIQAV LSLYASGRTT GIVLDSGDGV THTVPIYEGY ALPHAILRLD
	LAGRDLTDYL SKILTERGYS FTTTAEREIV RDIKEKLCYV ALDFEQEMAT AASSSSLEKS
	YELPDGQVIT IGNERFRCPE SLFQPILLGM ESAGIHETTY NSIMKCDVDI RKDLYANTVL
	SGGTTMFPGI ADRMQKEITS LAPSTMKIKI IAPPERKYSV WIGGSILASL STFQQMWISK
	QEYDESGPSI VHRKCF
Specificity:	Aplysia californica (California sea hare)
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 %

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Target Details	
Target:	Actin (ACTA1)
Alternative Name:	Actin, muscle (ACTA1 Products)
Background:	Recommended name: Actin, muscle
UniProt:	P17304
Pathways:	Caspase Cascade in Apoptosis, Myometrial Relaxation and Contraction, Skeletal Muscle Fiber Development

Application Details

Destrictions	
	been used as raw materials for downstream preparation of monoclonal antibodies.
	that is very close to the natural protein. Our proteins produced by yeast expression system has
	native protein conformation. It can be used to produce protein material with high added value
	could be modificated such as glycosylation, acylation, phosphorylation and so on to ensure the
	advantages of the mammalian cell expression system. A protein expressed by yeast system
	systems. The yeast protein expression system serve as a eukaryotic system integrate the
	of medium and the culture conditions restrict the promotion of mammalian cell expression
	of very high-quality and close to the natural protein. But the low expression level, the high cost
	for secretion and intracellular expression. A protein expressed by the mammalian cell system is
Comment:	The yeast protein expression system is the most economical and efficient eukaryotic system

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.