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Datasheet for ABIN1676023 MYL2 Protein (AA 2-165) (His tag)



Overview	
Quantity:	1 mg
Target:	MYL2
Protein Characteristics:	AA 2-165
Origin:	Rabbit
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This MYL2 protein is labelled with His tag.
Application:	ELISA
Product Details	
Sequence:	SPKKAKKRA EGANSNVFSM FEQTQIQEFK EAFTIMDQNR DGFIDKNDLR DTFAALGRVN
	VKNEEIDEMI KEAPGPINFT VFLTMFGEKL KGADPEETIL NAFKVFDPEG KGVLKADYVR
	EMLTTQAERF SKDEIDQMFA AFPPDVTGNL DYKNLVHIIT HGEEK
Specificity:	Oryctolagus cuniculus (Rabbit)
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:	MYL2
Alternative Name:	Myosin regulatory light chain 2, ventricular/cardiac muscle isoform (MYL2) (MYL2 Products)

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Target Details	
Background:	Recommended name: Myosin regulatory light chain 2, ventricular/cardiac muscle isoform. Short name= MLC-2. Short name= MLC-2v
UniProt:	Q7M2V4
Pathways:	Myometrial Relaxation and Contraction
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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