Datasheet for ABIN1667080

MYL1 Protein (AA 2-192) (His tag)

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Overview

Quantity:	1 mg
Target:	MYL1
Protein Characteristics:	AA 2-192
Origin:	Chicken
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This MYL1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	APKKDVKKP AAAAAPAPAP APAPAPAPAK PKEPAIDLKS IKIEFSKEQQ DDFKEAFLLF DRTGDAKITL SQVGDIVRAL GQNPTNAEIN KILGNPSKEE MNAKKITFEE FLPMLQAAAN NKDQGTFEDF VEGLRVFDKE GNGTVMGAEL RHVLATLGEK MTEEEVEELM KGQEDSNGCI NYEAFVKHIM SV
Specificity:	Gallus gallus (Chicken)
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:	MYL1

Target Details

Alternative Name:	Myosin light chain 1, skeletal muscle isoform (MYL1 Products)
Background:	Recommended name: Myosin light chain 1, skeletal muscle isoform. Alternative name(s): Alkali myosin light chain 1. Short name= MLC-1 Myosin light chain 1f Myosin light chain alkali 1. Short name= Myosin light chain A1 Skeletal-muscle myosin L-1 light chain
UniProt:	P02604

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.