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Datasheet for ABIN1477448  
**MYF5 Protein (AA 1-255) (His tag)**

### Overview

Quantity:	1 mg
Target:	MYF5
Protein Characteristics:	AA 1-255
Origin:	Xenopus laevis
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This MYF5 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	MEMVDSCHFS PSEFFYDSSC IPSPEEGYTE DYEHGMSIYG AHKKDLEESD EDEHVRAPIG HHQAGNCLMW ACKACKRKSS TTDRRKAATM RERRRLKKNV QAFETLKRCT TTNPNQRLPK VEILRNAIQY IESLQDLLRE QVENYYSLPG QSCTEPGSPM SSCSDGMSDC SSPQWGRNS SFDNVYCSDL QTSFSSTKLT LSSLDCLSSI VDRISSPQQC SLPIPDSITP SPTSSTDSL RSPDAHDCRP IYHVL
Specificity:	Xenopus laevis (African clawed frog)
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

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Target:	MYF5
Abstract:	<a href="#">MYF5 Products</a>
Background:	Recommended name: Myogenic factor 5. Short name= Myf-5
UniProt:	<a href="#">P24700</a>
Pathways:	<a href="#">Regulation of Muscle Cell Differentiation, Skeletal Muscle Fiber Development</a>

## Application Details

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Comment:	<p>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 modified 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.</p>
Restrictions:	For Research Use only

## Handling

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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.