

Datasheet for ABIN7591497

## MYOC Protein (AA 19-490) (His tag)



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### Overview

|                               |                                             |
|-------------------------------|---------------------------------------------|
| Quantity:                     | 100 µg                                      |
| Target:                       | MYOC                                        |
| Protein Characteristics:      | AA 19-490                                   |
| Origin:                       | Cow                                         |
| Source:                       | Yeast                                       |
| Protein Type:                 | Recombinant                                 |
| Purification tag / Conjugate: | This MYOC protein is labelled with His tag. |
| Application:                  | ELISA                                       |

### Product Details

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|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sequence:        | RT AQFQKANDRS GRCQYTFSSA SPSESSCPEQ GQAMLAIQEL QRDSSEQRAT LESTKARLSS<br>LEALLHRLTS GQPAGPLETH QGLQRELEAL RREREQLETQ TQELESAYSN LVRDKSALEE<br>EKRRLLQAENE DLARRLESSS QEVASLRGQ CPQAHSSSQD VPSGSREVAK WNLENMDFQE<br>LKSELTEVPA SQILKESPSG HPRNEEGGTG CGELVWVGEP ITLRTAETIT GKYGVWMRDP<br>RAAFPYTGET TWRIDTVGTD IRQVFEYDHI RKFTQGYP SK VHVLP RPLES TGAVVYRGSL<br>YFQAAESRTV LRYDLRTETL KAEKEIPGAG YHGQFPYSWG GYTDIDLAVD EIGLWVIYST<br>EAAKGAVLS KLPETLELE QTWETNIRKQ SVANAFIICG TLYTVSSYSS PDATVNFAYD<br>TGTGSSKALT VPFKNRYKYS SMIDYNPLER KLFWDNFMN VSYDIKLSRL |
| Specificity:     | Bos taurus (Bovine)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 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.                                                                                                                                                                                                                                                                                                                                                                      |

## Product Details

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Purity: > 90 %

## Target Details

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Target: MYOC

Abstract: [MYOC Products](#)

Background: Recommended name: Myocilin.  
Alternative name(s): Trabecular meshwork-induced glucocorticoid response protein

UniProt: [Q9XTA3](#)

## Application Details

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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 modiflicated 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

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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.