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Datasheet for ABIN1630284  
**MOCS3 Protein (AA 1-451) (His tag)**

### Overview

Quantity:	1 mg
Target:	MOCS3
Protein Characteristics:	AA 1-451
Origin:	Xenopus laevis
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This MOCS3 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	MDETDSQITC ADSSVDKLSH LKRNEVKSCP LPELHGADEM LPELNKSCLT NPDILRYSRQ LVLPDLGVQG QLKLSKASVL VIGCGGLGCP VAQYLAASGI GRLGLLDYDV VEMSNLHRQV LHGENRLGMS KSVSVAKTLR KLNSAVVYLP YHISLNPENA LQIIQQYDII ADCSDNVPTR YLVNDTCVLA GKPLVSASAL RWEGQLTVYN YHQGPCYRCL FPKPPPSETV TNCADGGVLG IVPGIIGSLQ ALEVLIASG MAPSYSGVLL MFDALRFRFR NIKIRGKKND CAACSNPSET AILQDYEAFC GSSASDKCRM LRLLSRDERL SVEEYKRLLD DHVPFILMDV RPQPEVDICR LPHSIHPLK GLEEKNEKWV SFLRRTKIAEL ITAGNRTEKT VITICKLGND SQIAVKILQD LFGKEDLFIA KDVQGGLMAW AENIDPMFPR Y
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.

## Product Details

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Purity: > 90 %

## Target Details

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Target: MOCS3

Alternative Name: Adenylyltransferase and sulfurtransferase MOCS3 (mocs3) ([MOCS3 Products](#))

Background: Recommended name: Adenylyltransferase and sulfurtransferase MOCS3.  
Alternative name(s): Molybdenum cofactor synthesis protein 3 Including the following 2 domains: Molybdopterin-synthase adenylyltransferase.  
EC= 2.7.7.80.  
Alternative name(s): Adenylyltransferase MOCS3 Sulfur carrier protein MOCS2A adenylyltransferase Molybdopterin-synthase sulfurtransferase.  
EC= 2.8.1.11.  
Alternative name(s): Sulfur carrier protein MOCS2A sulfurtransferase Sulfurtransferase MOCS3

UniProt: [Q58E95](#)

## 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 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.

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

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Handling Advice: Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week

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Storage: -20 °C

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Storage Comment: Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.