Datasheet for ABIN1654669

# MOCS3 Protein (AA 1-445) (His tag)

Go to Product page

## Overview

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| Quantity: | 1 mg |
| Target: | MOCS3 |
| Protein Characteristics: | AA 1-445 |
| Origin: | Oryza sativa |
| Source: | Yeast |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This MOCS3 protein is labelled with His tag. |
| Application: | ELISA |

## Product Details

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| Sequence: | MEGGGDDDGG RSRAEAIMRE LERLRAEREE LDGRIRLLES QLRLGAAPLP PSAAAEVEPT GSPSSSSSAA ADMISRYRRH LLLPQFGLEG QRKLSQSSIL VVGAGGLGSP VAMYLAACGV GCLGIVDGDR VELDNLHRQI IHIEAYVGQP KVKSTAASCR AYDIVVDATN NLPSRYMISD CCVLMNKPLI SGSAVGLEGQ LTVYHHNGSP CYRCLYPNPP SSPTSQSCSD NGILGILPGV IGCLQALEAI KVATAVGKPL CGRMLHFDAL SSHTRIVKIS RSSPTCKVCG ENPVFTKEDF VNFDYESFTQ SPMSKNSTTR SLNLLPENAR VSCRDYKKVL DSGRPHLLVD VRPSHHFQIA SMAHSINVPL SLLEEKLPLL RDSAREVSSR RDGRQHCPVY VICRRGNDSQ VAVQILRENG FLYASDVAGG FESWAKEVDP SFLLY |
| Specificity: | Oryza sativa subsp. japonica (Rice) |
| 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. |

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## 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.<br>Alternative name(s): Molybdenum cofactor synthesis protein 3 Including the following 2 domains: Molybdopterin-synthase adenylyltransferase.<br>EC= 2.7.7.80.<br>Alternative name(s): Adenylyltransferase MOCS3 Sulfur carrier protein MOCS2A adenylyltransferase Molybdopterin-synthase sulfurtransferase.<br>EC= 2.8.1.11.<br>Alternative name(s): Sulfur carrier protein MOCS2A sulfurtransferase Sulfurtransferase MOCS3 |
| UniProt: | A3ACF3 |

## 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 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

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| Format: | Lyophilized |
| Concentration: | 0.2-2 mg/mL |
| Buffer: | Tris-based buffer, 50 % glycerol |

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

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