Datasheet for ABIN1476282

# MAS1 Protein (AA 29-476) (His tag)

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## Overview

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|---|---|
| Quantity: | 1 mg |
| Target: | MAS1 |
| Protein Characteristics: | AA 29-476 |
| Origin: | Neurospora crassa |
| Source: | Yeast |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This MAS1 protein is labelled with His tag. |
| Application: | ELISA |

## Product Details

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| Sequence: | LA TPHSGTGIKT QTTTLKNGLT VASQYSPYAQ TSTVGMWIDA GSRAETDETN GTAHFLEHLA FKGTTKRTQQ QLELEIENMG AHLNAYTSRE NTVYFAKALN EDVPKCVDIL QDILQNSKLE ESAIERERDV ILRESEEVEK QLEEVVFDHL HATAYQHQPL GRTILGPREN IRDITRTELV NYIKNNYTAD RMVLVGAGGV PHEQLVEMAD KYFSKLPATA PVSSASILSK KKPDFIGSDI RIRDDTIPTA NIAIAVEGVS WSDDDYFTGL VTQAIVGNYD KALGNAPHQG SKLSGFVHKH DLATSFMSFS TSYSDTGLWG IYLVTDKLDR VDDLVHFSLR EWTRLCSNVS EAEVERAKAQ LKASILLSLD GTTAVAEDIG RQIVTTGRRM SPAEIERIID AVSAKDVMDF ANKKIWDQDI AISAVGSIEG LFDYARIRGD MSRNAF |
| Specificity: | Neurospora crassa (strain ATCC 24698 / 74-OR23-1A / CBS 708.71 / DSM 1257 / FGSC 987) |
| 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: | MAS1 |
| Alternative Name: | Mitochondrial-processing peptidase subunit beta (pep) (MAS1 Products) |
| Background: | Recommended name: Mitochondrial-processing peptidase subunit beta.<br>EC= 3.4.24.64.<br>Alternative name(s): Beta-MPP Ubiquinol-cytochrome-c reductase complex core protein I |
| UniProt: | P11913 |

## 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 |
| 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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