Datasheet for ABIN1475542

# MARK1 Protein (AA 1-793) (His tag)

Go to Product page

## Overview

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|---|---|
| Quantity: | 1 mg |
| Target: | MARK1 |
| Protein Characteristics: | AA 1-793 |
| Origin: | Rat |
| Source: | Yeast |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This MARK1 protein is labelled with His tag. |
| Application: | ELISA |

## Product Details

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| Sequence: | MSARTPLPTV NERDTENHTS VDGYTETHIP PTKSSSRQNI PRCRNSITSA TDEQPHIGNY RLQKTIGKGN FAKVKLARHV LTGREVAVKI IDKTQLNPTS LQKLFREVRI MKILNHPNIV KLFEVIETEK TLYLVMEYAS GGEVFDYLVA HGRMKEKEAR AKFRQIVSAV QYCHQKCIVH RDLKAENLLL DADMNIKIAD FGFSNEFTVG NKLDTFCGSP PYAAPELFQG KKYDGPEVDV WSLGVILYTL VSGSLPFDGQ NLKELRERVL RGKYRVPFYM STDCENLLKK LLVLNPIKRG SLEQIMKDRW MNVGHEEEEL KPYSEPELDL NDAKRIDIMV TMGFARDEIN DALVSQKYDE VMATYILLGR KPPEFEGGES LSSGNLCQRS RPSSDLNNST LQSPAHLKVQ RSISANQKQR RFSDHAGPSI PPAVSYTKRP QANSVESEQK EEWDKDTARR LGSTTVGSKS EVTASPLVGP DRKKSSAGPS NNVYSGGSMT RRNTYVCERS TDRYAALQNG RDSSLTEMSA SSMSSTGSTV ASAGPSARPR HQKSMSTSGH PIKVTLPTIK DGSEAYRPGT AQRVPAASPS AHSISASTPD RTRFPRGSSS RSTFHGEQLR ERRSAAYSGP PASPSHDTAA LAHARRGTST GIISKITSKF VRRDPSEGEA SGRTDTARGS SGEPKDKEEG KEAKPRSLRF TWSMKTTSSM DPNDMVREIR |

## Product Details

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| | KVLDANTCDY EQRERFLLFC VHGDARQDSL VQWEMEVCKL PRLSLNGVRF KRISGTSIAF KNIASKIANE LKL |
| Specificity: | Rattus norvegicus (Rat) |
| 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. |
| Purity: | > 90 % |

## Target Details

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| Target: | MARK1 |
| Alternative Name: | Serine/threonine-protein kinase MARK1 (Mark1) (MARK1 Products) |
| Background: | Recommended name: Serine/threonine-protein kinase MARK1.<br>EC= 2.7.11.1.<br>EC= 2.7.11.26.<br>Alternative name(s): MAP/microtubule affinity-regulating kinase 1 |
| UniProt: | O08678 |
| Pathways: | SARS-CoV-2 Protein Interactome, The Global Phosphorylation Landscape of SARS-CoV-2 Infection |

## 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. |