Datasheet for ABIN1610733

# MAPKAP Kinase 2 Protein (AA 1-329) (His tag)

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## Overview

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| Quantity: | 1 mg |
| Target: | MAPKAP Kinase 2 (MAPKAPK2) |
| Protein Characteristics: | AA 1-329 |
| Origin: | Cricetulus longicaudatus |
| Source: | Yeast |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This MAPKAP Kinase 2 protein is labelled with His tag. |
| Application: | ELISA |

## Product Details

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| Sequence: | LGINGKVLRI FDKRTQQKFA LKMLQDCPKA RREVELHWRA SQCPHIVDIV DVYENLYAGR KCLLIVMECL DGGELFSRIQ DRGDQAFTER EASEIMKSIG EAIQYLHSIN IAHRDVKPEN LLYTSKRPNA ILKLTDFGFA KETTSHNSLT TPCYTPYYVA PEVLGPEKYD KSCDMWSLGV IMYILLCGYP PFYSNHGLAI SPGMKTRIRM GQYEFPNPEW SEVSEEVKML IRNLLKTEPT QRMTITEFMN HPWIMQSTKV PQTPLHTSRV LKEDKERWED VKEEMTSALA TMRVDYEQIK IKKIEDASNP LLLKRRKKAR AVEAAALAH |
| Specificity: | Cricetulus longicaudatus (Long-tailed dwarf hamster) (Chinese hamster) |
| 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: | MAPKAP Kinase 2 (MAPKAPK2) |
| Alternative Name: | MAP kinase-activated protein kinase 2 (MAPKAPK2) (MAPKAPK2 Products) |
| Background: | Recommended name: MAP kinase-activated protein kinase 2.<br>Short name= MAPK-activated protein kinase 2.<br>Short name= MAPKAP kinase 2.<br>Short name= MAPKAP-K2.<br>Short name= MAPKAPK-2.<br>Short name= MK-2.<br>Short name= MK2.<br>EC= 2.7.11.1.<br>Alternative name(s): P45-54 HSP27 kinase |
| UniProt: | P49136 |
| Pathways: | MAPK Signaling, Neurotrophin Signaling Pathway, Activation of Innate immune Response, Toll-Like Receptors Cascades |

## 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

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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. |