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Datasheet for ABIN1473277 MAPKAP Kinase 2 Protein (AA 1-366) (His tag)



Overview

| 000101000 | |
|-------------------------------|--|
| Quantity: | 1 mg |
| Target: | MAPKAP Kinase 2 (MAPKAPK2) |
| Protein Characteristics: | AA 1-366 |
| Origin: | Rabbit |
| Source: | Yeast |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This MAPKAP Kinase 2 protein is labelled with His tag. |
| Application: | ELISA |
| Product Details | |
| Sequence: | PPPPPQQFP QFHVRSGLQI KKNAIIDDYK VTSQVLGLGI NGKVLQIFSK KTQEKFALKM |
| | LQDCPKARRE VELHWRASQC PHIVRIVDVY ENLYAGRKCL LIVMECLDGG ELFSRIQDRG |
| | DQAFTEREAS EIMKSIGEAI QYLHSINIAH RDVKPENLLY TSKRPKAILK LTDFGFAKET |
| | TSHNSLTTPC YTPYYVAPEV LGPEKYDKSC DMWSLGVIMY ILLCGYPPFY SNHGLAISPG |
| | MKTRIRMGQY EFPNPEWSEV SEEVKMLIRN LLKTEPTQRM TITEFMNHPW IMQSTKVPQT |
| | PLHTSRVLKE DKERWEDVKE EMTSALATMR VDYEQIKIKK IEDASNPLLL KRRKKARALE AAALAH |
| Specificity: | Oryctolagus cuniculus (Rabbit) |
| 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 % |

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Target Details

| 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. | |
| | Short name= MAPK-activated protein kinase 2. | |
| | Short name= MAPKAP kinase 2. | |
| | Short name= MAPKAP-K2. | |
| | Short name= MAPKAPK-2. | |
| | Short name= MK-2. | |
| | Short name= MK2. | |
| | EC= 2.7.11.1 | |
| UniProt: | P49139 | |
| Pathways: | MAPK Signaling, Neurotrophin Signaling Pathway, Activation of Innate immune Response, Toll- | |
| | Like Receptors Cascades | |

Application Details

| 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

| 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 |

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| land | |
| 10110 | |

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