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Datasheet for ABIN1474558

MAPK6 Protein (AA 1-720) (His tag)

Overview

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| Quantity: | 1 mg |
| Target: | MAPK6 |
| Protein Characteristics: | AA 1-720 |
| Origin: | Rat |
| Source: | Yeast |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This MAPK6 protein is labelled with His tag. |
| Application: | ELISA |

Product Details

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| Sequence: | <p>MAEFESLMN IHGFDLGSRY MDLKPLGCGG NGLVFSVDN DCDKRVAIKK IVLTDPQSVK</p> <p>HALREIKIIR RLDHDNIVKV FEILGPSGSQ LTDDVGSLTE LNSVYIVQEY METDLANVLE</p> <p>QGPLEEHAR LFMYQLLRGL KYIHSANVLH RDLKPANLFI NTEDLVLKIG DFGLARIMDP</p> <p>HYSHKGHLSE GLVTKWYRSP RLLSPNNYT KAIDMWAAGC IFAEMLTGKT LFAGAHELEQ</p> <p>MQLILESIPV VHEEDRQELL SVIPVYIRND MTEPHKPLTQ LLPGISREAL DFLEQILTFS</p> <p>PMDRLTAEAA LSHPYMSIYS FPTDEPISSH PFHIEDEVDD ILLMDETHSH IYNWERYHDC</p> <p>QFSEHDWPIH NNFDIDEVQL DPRALSDVTD EEEVQVDPRK YLDGDREKYL EDPAFDTSYS</p> <p>AEPCWQYPDH HENKYCDLEC SHTCNKTRS PSYLDNLVWR ESEVNHYYEP KLIIDLSNWK</p> <p>EQSKDKSDKR GKSKCERNGL VKAQIALEEA SQQLAERERG QGFDFDAFIA GTVQLSAQRE</p> <p>SADVVDKLND LNSSVSQLEM KSLISKSVSR EKQEKGRANL AQLGALYQPS WESQFVSGGE</p> <p>ECFLISQFCC EVRKDEHVEK ENTYTSYLDK FFSRKEDSEM LETEPVEEGK RGERGREAGL</p> <p>LSSGGEFLLS RQLESIGTPQ FHSPGGSPLK SIQATLTPSA MKSSPQIPHK TYSNLIKHLN</p> |
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Product Details

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| Specificity: | Rattus norvegicus (Rat) |
| Characteristics: | Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time. |
| Purity: | > 90 % |

Target Details

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| Target: | MAPK6 |
| Abstract: | MAPK6 Products |
| Background: | <p>Recommended name: Mitogen-activated protein kinase 6.</p> <p>Short name= MAP kinase 6.</p> <p>Short name= MAPK 6.</p> <p>EC= 2.7.11.24.</p> <p>Alternative name(s): Extracellular signal-regulated kinase 3.</p> <p>Short name= ERK-3 p55-MAPK</p> |
| UniProt: | P27704 |
| Pathways: | MAPK Signaling , Neurotrophin Signaling Pathway , Regulation of Muscle Cell Differentiation , Hepatitis C |

Application Details

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| Comment: | <p>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 modified 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.</p> |
| 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. |