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Datasheet for ABIN1655599

CDC6 Protein (AA 1-415) (His tag)

Overview

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|-------------------------------|---|
| Quantity: | 1 mg |
| Target: | CDC6 |
| Protein Characteristics: | AA 1-415 |
| Origin: | Thermococcus onnurineus |
| Source: | Yeast |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This CDC6 protein is labelled with His tag. |
| Application: | ELISA |

Product Details

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| Sequence: | <p>MDDNYLDSIF EKYLHAKKIF KNKEVLRHSY TPRELPHRRE QIENLAHILV PVLRGETPSN</p> <p>VFVYGKTGTG KVTIKFVTE ELKKISQKYN VPVDVIYVNC EIVDTQYRVL ANIVNHFREE</p> <p>SGVEVPLVGW PTDEVYSKLK AVIDAKERFV IIVLDEIDKL IKKSGDDILY SLTRINTELH RAKVSIIGIS</p> <p>NDLKFKDYLD PRVLSSLSEE EVVFPYPYDAN QLRDILMQRA KDAFNEGVLD DGVVPLCAAL</p> <p>AAREHGDARR ALDLLRVAGE IAEREGASKV TERHVWKAQE KIEQDTMEEV IKTLPLHSKV</p> <p>LLYAIVLLDE NGELPANTGD VYSVYKSLCD HIDLEPLTQR RVSDLINELD MLGIINAKVV</p> <p>SKGRYGRTKE IRLNVTPYKV KNIYRHDHQL QTVLTISMSR QRRL</p> |
| Specificity: | Thermococcus onnurineus (strain NA1) |
| 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: | CDC6 |
| Alternative Name: | Cell division control protein 6 homolog (cdc6) (CDC6 Products) |
| Background: | Recommended name: Cell division control protein 6 homolog. Short name= CDC6 homolog |
| UniProt: | B6YUE9 |
| Pathways: | DNA Replication , Synthesis of DNA |

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 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. |
| 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. |