Datasheet for ABIN1478207

# COG1 Protein (AA 1-417) (His tag)

Go to Product page

## Overview

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| Quantity: | 1 mg |
| Target: | COG1 |
| Protein Characteristics: | AA 1-417 |
| Origin: | Saccharomyces cerevisiae |
| Source: | Yeast |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This COG1 protein is labelled with His tag. |
| Application: | ELISA |

## Product Details

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| Sequence: | MDEVLPLFRD SHIPQIKDYQ LELQNDLTKT NEAFQKNLLK NYNKILSLTD SVNDLSLNLK NVDQDFKSLC FNDEKFQLNK LTPLPYQTTT HISPPRDEEK VSIPSQNILV ISNWTISINN FCNRIVTSTT PSRIFDELLL NFHELSLIPV PSKFEALVKD KCCRLQKFLV DSMKTLNLTL LQWVKLYNLL NTEFSSKWDD DLLSIFNESL FETLFNDNVQ ALLISSANSK DHQYHSNQQY KDAIVVDFVN SSTFRDHLIR RTVKEINTHL DTLSTLRAKL KEPETLHKLD IFHDNDTNLN DGTVSPLDDD ALKQYIDTAV FYSKGLTNDT TLQIYQTVQP TIEILQNLEL YKCPQETLTD LRNKLITQLQ EFKTQISSRL PSPLENSTSV VDDFITSYNN HNLLQLVIDQ ITQLRQQ |
| Specificity: | Saccharomyces cerevisiae (strain ATCC 204508 / S288c) (Bakers yeast) |
| 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: | COG1 |
| Alternative Name: | Conserved oligomeric Golgi complex subunit 1 (COG1) (COG1 Products) |
| Background: | Recommended name: Conserved oligomeric Golgi complex subunit 1.<br>Short name= COG complex subunit 1.<br>Alternative name(s): Complexed with DOR1 protein 3 Component of oligomeric Golgi complex 1 Protein S.<br>EC36 |
| UniProt: | P53079 |

## 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. |