Datasheet for ABIN1478222

COG5 Protein (AA 1-403) (His tag)

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Overview

Quantity:	1 mg
Target:	COG5
Protein Characteristics:	AA 1-403
Origin:	Saccharomyces cerevisiae
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This COG5 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MTIAPMANDL EDFESLLEPD FDAKQFGNDL LKATNNNDTT ILDLNTPLKK LNYDLHEIDS RIDQLMNSNP LEIIELIYKN EHVNSTIVGE LKPSLGYMNM SYDRLKNQVL DPYERARKVQ LALSKVYQTS FLLRGALLYI HLSNKLNALS KTAQLSTSTA INLASLHYQL EITLEENKNL KSLRKIKQLD QDIVSPNKRE LITFLSLQMC KECLNSIKIK SNKEIISQLA YSLYLLSSQE FESAINKIVL SNVTMSSQIL SKILNSIRMF PDAFNEVVEK GYNIYILETL LQNIKTDNVT NSSRSIAANK SRLGNLLSEY TSMKSKAGSG TPRDLFWSKV SSAFKKDFDI SVNRGGPVGK SLLKNKDFII NTMKQSMKKS SDNSDYQSYL DVMLNSVSIS LNK
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

Target:	COG5
Alternative Name:	Conserved oligomeric Golgi complex subunit 5 (COG5) (COG5 Products)
Background:	Recommended name: Conserved oligomeric Golgi complex subunit 5. Short name= COG complex subunit 5. Alternative name(s): Complexed with DOR1 protein 4 Component of oligomeric Golgi complex 5
UniProt:	P53951

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