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## Datasheet for ABIN1627561 COG7 Protein (AA 1-770) (His tag)

### Overview

Quantity:	1 mg
Target:	COG7
Protein Characteristics:	AA 1-770
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This COG7 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	<p>MDFSKFLADD FDVKDWINAA FRAGPKDGAA GKADGHAATL VMKLQLFIQE VNHAVEETSL</p> <p>QALQNMPKVL RDVEALKQEA SFLKEQMILV KEDIKKFEQD TSQSMQVLVE IDQVKSRMQL</p> <p>AAESLQEADK WSTLSADIEE TFKTQDIAVI SAKLTGMQSS LMMLVDTPDY SEKCVHLEAL</p> <p>KNRLEALASP QIVAAFTSQS VDQSKVFVKV FTEIDRMPQL LAYYYKCHKV QLLATWQELC</p> <p>QRDLPLDRQL TGLYHALLGA WHTQTQWATQ VFKNPYEVVT VLLIQTGLAL VPSLPMCLSE</p> <p>AVERAGPELE LTRLLEFYDT TAHFAKLEM ALLPHLQDHN LVKVVVELVDA VYGPYPYQL</p> <p>KYGDLEESNL LIQISAVPLE HGEVIDCVQE LSQSVHKLFG LASAAVDRCA KFTNGLGTGCG</p> <p>LLTALKSLFT KYVSHFTNAL QSIRKKCKLD DIPPNSLFQE DWTAFAQNSVR IATCGELLR</p> <p>QCGDFEQQLA NRILSTAGKY LSDSYSRSL AGFQDSILTD KKSPAKNPWQ EYNYLQKDNP</p> <p>AEYANLMEIL YTLKEKGSSN HNLLSVSRTA LTRLNQQAHQ LAFDSVFLRI KQQLLLVSRM</p> <p>DSWNTAGIGE TLTDLPAPS LTPLEYISNI GQYIMSLPLN LEPFVTQEDS ALELALHAGK</p> <p>LPPFPEQGEE LPELDNMADN WLGSARATM QTYCDGILQI PAVTPHSTKQ LATDIDYLIN</p>
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## Product Details

VMDALGLQPS RTLQNIATLL KAKPEEYRQV SKGLPRRLAA TVATMRGVNY

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

Target: COG7

Alternative Name: Conserved oligomeric Golgi complex subunit 7 (Cog7) ([COG7 Products](#))

Background: Recommended name: Conserved oligomeric Golgi complex subunit 7.  
Short name= COG complex subunit 7.  
Alternative name(s): Component of oligomeric Golgi complex 7

UniProt: [Q3T1G7](#)

## 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 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

Format: Lyophilized

Concentration: 0.2-2 mg/mL

Buffer: Tris-based buffer, 50 % glycerol

## Handling

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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.