

Product datasheet for **SC215370**

COPA (NM_001098398) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	COPA (NM_001098398) Human 3' UTR Clone
Symbol:	COPA
Synonyms:	AIJJK; alpha-COP; HEP-COP
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001098398
Insert Size:	1593 bp



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Insert Sequence: >SC215370 3'UTR clone of NM_001098398
 The sequence shown below is from the reference sequence of NM_001098398. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TTAAGGATCAGTCCTCTGCAGTTTCGCTAAGGCCCCCTTTGTGTGCATGGGTCAGTCACCATATGTTCC
CCCCAGAGAATGTGTCTATATCCTCCTTCTAACAGCACCTTCCCCTGCAGCTACTCTTCAGATCTGGC
TCTCTGTACCCTAAAACCTAGTATCTTTTTCTCTTCTATGGAAAAATCCGAAGGTCTAAAATTGACTTTT
TTGAGGCTTCTCAACTTGACTACAGTTGTGCTCATAATTGCCTTGCCTTCCAGCTTAAATATTTTA
AGGAACAAATGAAAACCTGGGCTGGGTGGAGTGGCTCATACCTGTAATCCAGCACTTTGGGAGGCTA
CGGTGGCAGATCATCTGAGGCCAGGAGTTCGAGACCTGCCTGGCCAACATGGCAACACCCCGTCTCTA
ATAAAAAATAAAAAATTAGCCTGGCATGGTAGCATGCGCCTATAGTCCCAGCTGCTCAGGAGGCTGAGG
CATGAGAAATCGCTTGAACCTAGGAGGTGGAGGTTGCATTCAACTGAGATCATACCACTTCATTCCAGCC
TGGGTGACAGAGCAAGACTCTGTCTCAAAAAAAAAAAAAAGGAAAACCTGTGTATGGACATTTGTTTAG
TAAATCCCTTCAGTATTTATCCCTCCTTTCCCCACAGCAGCTTTCTTTCCTGTCAACTAGAAAGGAGCA
GGATGTAATAAATACATTTTGGTGTGACTAGGCCACACCAACTCTTAATCATCTCCCATTTTCTTAGA
CATTTAAATTTCAAGGCAGGTACCCTCTGTGACTCAGAAATTTGAAGAAGTTATTTGGTTTTCCAAAA
TGCACACTGCGGGTTATTGATTTGTTCTTTACAACATTTGTTCTCATATTTCTCACACTAAATAAATCT
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ACCCACCAAAGTACATATCTTCTTCCAGTAATAATTTTTAATTACAAAATAAACATCCACTATTGGA
AAAAAAAAAAAAAGCTAGCCGGGCATGGTGGTGGCTGTAATCCCAGCTACTCTGGAGGCTGAGG
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GGCGCAGAGTGAAGTCCATCTCAAAAAAAAAAGAAAGAAAAAAGAACACATGTTTTTCATAGGGT
ATATATGAGGACCTAACTGCTGTGAAAATGATAGAAAGCAAGTAGCTCCCTTATTCTGTTTTTGATTG
CAGCCTTTTATCTTTTGCTAATTATAGCAATATTTATTGAGCACCTGCCATGTGACTGTCACCTGTTCTA
GATATTTTACATGTAATATACAGATAAAAGAATAGTACTTTATATATATTACAATGATACAATGATTAC
ATTAACAATAACAATTTTGGCTTGTGCATATGCTAAGAATAATTGGGTAGAGTGACATTACTGTGCCTTC
GATTAATAAAGTACTTTTTTTCGCTGTTAAATTCATGTTTTCAATAAATAAATAATGCATATAGTTGAA
AAATCA
ACGCGTAAAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_001098398.2](#)

Summary:

In eukaryotic cells, protein transport between the endoplasmic reticulum and Golgi compartments is mediated in part by non-clathrin-coated vesicular coat proteins (COPs). Seven coat proteins have been identified, and they represent subunits of a complex known as coatomer. The subunits are designated alpha-COP, beta-COP, beta-prime-COP, gamma-COP, delta-COP, epsilon-COP, and zeta-COP. The alpha-COP, encoded by COPA, shares high sequence similarity with RET1P, the alpha subunit of the coatomer complex in yeast. Also, the N-terminal 25 amino acids of alpha-COP encode the bioactive peptide, xenin, which stimulates exocrine pancreatic secretion and may act as a gastrointestinal hormone. Alternative splicing results in multiple splice forms encoding distinct isoforms. [provided by RefSeq, Jul 2008]

Locus ID:

1314

MW:

61