

## Product datasheet for **SC215369**

### **COPA (NM\_004371) Human 3' UTR Clone**

#### **Product data:**

|                           |                                     |
|---------------------------|-------------------------------------|
| Product Type:             | 3' UTR Clones                       |
| Product Name:             | COPA (NM_004371) Human 3' UTR Clone |
| Symbol:                   | COPA                                |
| Synonyms:                 | AILJK; alpha-COP; HEP-COP           |
| Mammalian Cell Selection: | Neomycin                            |
| Vector:                   | pMirTarget (PS100062)               |
| ACCN:                     | NM_004371                           |
| Insert Size:              | 1593 bp                             |



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| <b>Insert Sequence:</b>   | <p>&gt;SC215369 3'UTR clone of NM_004371</p> <p>The sequence shown below is from the reference sequence of NM_004371. The complete sequence of this clone may contain minor differences, such as SNPs.</p> <p>Blue=Stop Codon Red=Cloning site</p> <pre> GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC TTAAGGATCAGTCCTCTGCAGTTTCGCTAAGGCCCTTTGTGTGCATGGGTCAGTCACCATATGTTCC CCCCAGAGAATGTGTCTATATCCTCTTAACAGCACCTTCCCCTGCAGCTACTCTTCAGATCTGGC TCTCTGTACCCTAAACCTAGTATCTTTTTCTCTTCTATGGAAAATCCGAAGGTCTAAACTTGACTTTT TTGAGGTCTTCTCAACTTGACTACAGTTGTGCTCATAATTGCTCTTGCCTTCCAGCTTAATTATTTTA AGGAACAAATGAAAACCTCTGGGCTGGGTGGAGTGGCTCATACCTGTAATCCAGCACTTTGGGAGGCTA CGGTGGGCAGATCATCTGAGGCCAGGAGTTCGAGACCTGCCTGGCCAACATGGCAACACCCCGTCTCTA ATAAAAAATATAAAATAGCCTGGCATGGTAGCATGCGCCTATAGTCCCAGCTGCTCAGGAGGCTGAGG CATGAGAATCGCTTGAACCTAGGAGGTGGAGGTTGCATTCAACTGAGATCATACCACTTCATTCCAGCC TGGGTGACAGAGCAAGACTCTGTCTCAAAAAAAAAAAAAAGGAAAACCTGTGTATGGACATTTGTTTAG TAAATCCCTTCAGTATTTATCCCTCCTTTCCCAACAGCAGCTTTCTTCTGTCAACTAGAAAGGAGCA GGATGTAATAAATACATTTTGGTGTGACTAGGCCACACCAACTCTTAATCATCTCCCATTTTCTTAGA CATTTAAATTTCAAGGCAGGTACCTCTGTGTACTCAGAAATTTGAAGAAGTTATTTGGTTTTCCAAA TGCACACTGCGGGTTATTGATTTGTTCTTTACAATATTGTTCTCATATTTCTCACACTAAATAATCT CTATGAGAGCTTCTTGACTTGGCCATTTATTTCTTGGACACTCTCATGTTCTTGTTCACCCATGCAGGC ACCCACCAAAGTACATATCTTCTTCCAGTAATAATTTTAAATTACAAAATAACATCCACTATTGGA AAAAAAAAAAAAAGCTAGCCGGGCATGGTGGTGGTGCCTGTAATCCAGCTACTCTGGAGGCTGAGG CAGAGGATTGCTTGAACCCGGGAGGCGGAGGTTGCAGTAAGCTGAGATCGCGCCACCGCACTCCAGCCT GGGCGACAGAGTGAGACTCCATCTCAAAAAAAAAAGAAAGAAAAAGAACACATGTTTTTCATAGGGT ATATATGAGGACCTAACTGCTGTGAAAATGATAGAAAGCAAGTAGCTCCCTTATTCTGTTTTTGATTG CAGCCTTTTATCTTTTGCTAATTATAGCAATATTTATTGAGCACCTGCCATGTGACTGTCACTGTCTA GATATTTTACATGTAATATACAGATAAAAGAATAGTACTTTATATATTACAATGATACAATGATTAC ATTAACAATACAATATTTTGCTTGTGCATATGCTAAGAATAATTGGGTAGAGTGACATTACTGTGCCTTC GATTAATAAAGTACTTTTTTGCCTGTTAAATTCATGTTTTCAATAAATAATAAATGCATATAGTTGAA AAATCA ACGCGTAAGCGGCCGCGGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG </pre> |
| <b>Restriction Sites:</b> | Sgfl-MluI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>OTI Disclaimer:</b>    | 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).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Components:</b>        | 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.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>RefSeq:</b>            | <u>NM_004371.4</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

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| <b>Summary:</b>  | <p>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]</p> |
| <b>Locus ID:</b> | 1314                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>MW:</b>       | 61                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |