

## Product datasheet for **RN207971**

### Copa (NM\_001134540) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Copa (NM_001134540) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Copa
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN207971 representing NM_001134540 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGCTAACCAAATTCGAGACAAAAGCGCGGGTGAAAGGCCTTAGTTTTTCATCCTAAAAGACCCTGGA  
TCCTGACCAGTTTACATAATGGGGTCATCCAGTTATGGGACTATCGGATGTGCACCCTCATTGACAAATT  
TGATGAACATGATGGTCCAGTGGCATTGACTTCCATAAGCAGCAGCCCCTATTCGCTCTGGAGGA  
GATGACTATAAGATTAAGGTTTGGAAATACAAACTTCGGCGCTGCCTCTTACATTGCTTGGGCACTTGG  
ATTATATCCGCACGACGTTTTTTCATCATGAGTATCCTTGGATTCTGAGCGCCTCAGATGATCAGACCAT  
TCGGGTGTGGAAGTGGCAGTCTAGAACCTGTGTCTGTGTGTTAACGGGGCACAACCATTATGTAATGTGT  
GCTCAGTTCACCCCTCTGAAGACCTGGTGGTATCAGCTAGCCTGGACCAGACTGTCCGCGTTTGGGATA  
TTTCTGGTCTAAGGAAAAAACTTGTCTCCTGGTGGGAGTCCGATGTGAGAGGAATAACTGGGGT  
CGATCTGTTTGGAACTACAGATGCAGTGGTGAAGCATGTGCTAGAGGGCCATGACCGTGGAGTGAATTGG  
GCTGCCTTCCACCCGACTATGCCCTTATTGTATCGGGGGCAGATGACCGCAAGTGAAGATATGGCGCA  
TGATGAATCAAAGGCATGGGAGTTGACACCTGCCGGGGCCATTACAACAATGTGTCTTGTGCCGCTCT  
TCACCCTCGCAAGAGTTGATCCTCAGCAATTCTGAGGACAAGAGTATTGAGTCTGGGATATGTCTAAG  
CGGACTGGGGTTCAGACTTTCCTAGGGATCATGATCGCTTCTGGGTCTGGCTGCCCATCCCAACCTTA  
ACCTCTTTCGAGCAGGCCATGATGGTGGGATGATTGTATTTAAGCTGGAACGGGAGCGTCCAGCCTATGC  
TGTTTATGGCAATATGCTGCATTATGTGAAGGACCGATTCCCTCCGTGAGTGGATTTCAACAGCTCCAAA  
GATGTAGCTGTGATGCAGTTGCGGAGTGGTTCTAAGTCCAGTGTTCACATGTACATAATCCAGCAG  
AGAACGCCGTGCTGTGTGCACCAGAGCAAGCAATTTAGAGAATAGTACCTATGATCTGTACACCATCCC  
CAAAGATGCAGACTCCCAGAATCCTGATGCCCTGAAGGGAAACGATCCTCGGCCTGACAGCGGTTTGG  
GTTGCTCGGAATCGGTTTGTCTCTAGATCGAATGCACTCGCTTCTGATTAACCACTGAAAAATGAGA  
TCACCAAGAAAAATCCAGGTGCCCAACTGTGATGAAATCTTCTATGCTGGTACAGGCAACCTCCTGCTTCG  
GGATGCAGATTCCATCACACTCTTTGATGTCCAGCAGAAGCGAACTCTGGCATCAGTGAAGATTTCCAAG  
GTGAAATATGTTATCTGGTGGCAGACATGTCTCATGTTGCACTCCTGGCCAAGCATGCCATTGTGATCT  
GTAACCGCAAGCTGGATGCTCTGTGTAACATTCATGAGAACATTCGTGTCAAGAGTGGGGCTGGGATGA  
AAGTGGGGTGTATCTATACCACAAGCAACCACATCAAATATGCTGTACCACCTGGGGACCATGGGATC



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ATCCGAACTCTGGATTTGCCCATCTATGTCACAAGAGTGAAGGGCAATAACGTATACTGCCTGGACAGGG  
 AGTGTCGTCTCGGGTGCTCACCATTGACCCACCGAATCAAGTTCAAAGTGGCCCTGATCAACAGGAA  
 GTATGATGAGGTACTGCACATGGTGAGGAACGCCAAACTAGTAGGCCAGTCGATCATCGCTTACCTCCAG  
 AAGAAGGGTTATCCTGAAGTGCCACTGCATTTGTAAAGGATGAGAAAACCTGTTTCAGCTTGGCCCTGG  
 AGTGTGGAACATTGAGATTGCTCTAGAGGCAGCCAAAGCTCTGGATGACAAGAACTGCTGGGAGAAGCT  
 GGGAGAAGTGGCCCTGTTACAGGGCAATCACCAGATTGTAGAAATGTGCTATCAGCGCACCAAAAACTTT  
 GACAAGCTCCTTCTGTACCTTATTACTGGCAACCTGGAGAAGCTTCGAAAGATGATGAAGATTGCTG  
 AGATCCGAAAGGACATGAGTGGCCATTATCAGAATGCCCTGTACCTGGGTGATGTGTGAGAGAGTGGC  
 AATCCTGAAGAACTGTGGGCAGAAATCCCTGGCCCTACCTCACAGCTGCTACACATGGCTTAGATGAGGAA  
 GCTGAGAGCCTGAAGGAGACATTTGACCCTGAGAAGGAGACAATCCAGATATTGATCCTAATGCCAAGC  
 TGCTCCAGCCACCAGCACCTATCATGCCATTGGATACCAATTGGCCCTTACTGACTGTGTCAAAGGGTT  
 CTTTGAAGGCTCCATTGCAAGCAAGGGGAAGGGAGGCGGTTGGTGCCGACATTGACATCGACTGTT  
 GGTACTGAAGGCTGGGGAGAGGACGCAGAGCTGCAGCTGGACGAAGATGGGTTTGTGGAGCTCCGGAAG  
 GTTTGGGGGAGGATACTCTCGCAAGGGACAAGAGGAAGGAGGTGGCTGGGACGTAGAAGAAGATTTGGA  
 GCTCCACCTGAGCTGGATGTACCTCTGGGGTGGCGGTGGTGTGAAGACGGTTTCTTTGTGCCCCCA  
 ACCAAGGGAACAAGCCAACTCAAATCTGGTGAATAACTCCCAGCTTCCAGTGGATCACATCCTGGCAG  
 GTTCTTTTGAAACAGCTATGCGGCTTCTTCATGACCAGGTGGGAGTAGTCCAGTTTGGCCCTATAGCA  
 ACTGTTTCTACAGACATACGCGCGAGGCCGCCACCCTACCAAGCACTGCCCTGCTTGGCCCTCATGTAT  
 AGCTACCTAATCGCAATTGGAAGGACGCAGGGCTGAAGAATGGTGTGCCGGCTGTGGCCCTCAAGCTTA  
 ACGACCTGATCCAGCGGCTGCAGCTCTGTTACCAGCTCAGCACAGTCGGCAAGTTTGAAGACGCTGTGGA  
 GAAATTCGCTCCATCCTACTCAGTGTGCCCTTCTTGTGGTGGACAATAAACAGGAGATTGCAGAGGCC  
 CAGCAGCTCATCACCATCTGCCGTGAGTACATTGTGGTTTGTGCATGGAGATAGAAAGGAAGAAGCTAC  
 CTAAGGAGACCCTAGACCAGCAGAAGCGCATCTGTGAGATGGCGGCTTATTTACACACTCAAACCTGCA  
 GCCTGTGCACATGATCCTGGTGCTGAGGACAGCCCTCAACCTCTTCTTCAAGCTCAAGAATTCAAGACA  
 GCTGCCACCTTTGCCGACGCCTGCTGGAACCTGGGCCCAAACCTGAAGTAGCCCAACAGACAAGGAAAA  
 TCTTGTCTGCCTGTGAGAAAAACCCACAGATGCCTGCCAGCTCAATTATGACATGCACAACCCCTTTGA  
 CATTTGTGCTGCATCTTACCGGCCATCTACCGTGGAAAACAGTGGAGAAGTGTCCACTCAGTGGGGCC  
 TGCTATCCCCTGAGTTCAAAGGGCAGATCTGCAGGGTCACTACAGTGACAGAGATTGGCAAAGATGTGA  
 TTGGTCTGAGGATCAGTCTTTCAGTTTCGCTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001134540
- Insert Size:** 3675 bp
- OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
- Components:** The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

**Reconstitution Method:**

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

**RefSeq:** NM\_001134540.1, NP\_001128012.1

**RefSeq Size:** 4374 bp

**RefSeq ORF:** 3675 bp

**Locus ID:** 304978

**Cytogenetics:** 13q24