

Product datasheet for **RN209095**

Copg2 (NM_001106929) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Copg2 (NM_001106929) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Copg2
Synonyms:	RGD1566215
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>RN209095 representing NM_001106929

Red=Cloning site Blue=ORF Orange=Stop codon

 TTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**C

 ATGATTAATAAATTCGACAAGAAGGACGAGGAGTCTGGTAGTGGTTCCAATCCTTTCCAGCATTGGAGA
 AGAGTGTCTGCTTGCAGGAGGCACGCATATTTAACGAAACGCCCATCAATCCAAGAAGATGCTTGCATAT
 CTTGACAAAGATTCTTTACTTACTCAACCAGGGTGAACACTTCGGAACATGGAAGCTACAGAAGCCTTC
 TTTGCAATGACTCGATTGTTCAATCTAATGATCAAACATTGAGGAGAATGTGCTACCTTACCATCAAGG
 AAATGGCCACTATCTCTGAGGATGTGATCATTGTCACAAGCAGTCTGACCAAGGACATGACTGGAAGGA
 AGACGTGTACCGAGGCCAGCCATCAGGGCTCTCTGCAGAATCACGGATGGAACAATGTTGCAAGCTATT
 GAAAGATACATGAAGCAGGCCATTGTGGATAAAGTTTCCAGTGTATCCAGTTCAGCACTGGTCTCTTCT
 TACATATGATGAAGATAAGCTATGATGTGGTTAAACGATGGATAAATGAAGCCCAAGAAGCTGCATCAAG
 TGACAATATCATGGTGCAGTACCATGCATTGGGAGTGTCTATCACCTCCGGAAGAATGATCGGCTTGCT
 GTCTCCAAGATGCTAAATAAGTTTACCAAGTCTGGTCTCAAATCACAGTTTGCACTACTGTATGCTGATTC
 GGATTGCTAGTCGCTTACTGAAAGAAAGCGAGGATGGTCATGAAAGTCCACTCTTTGATTTCACTGAGAG
 CTGCTTGCGAAATAAACATGAAATGGTTATCTATGAAGCTGCTTCTGCCATTATTCATCTTCCTAACTGT
 ACTGCAAGAGAGCTGGCACCTGCTGTCTCAGTCTTCACTTTTCTGTAGCTCTCCTAAACCAGCCTTGA
 GATATGCAGCTGTGAGGACCTGAACAAGGTGGCAATGAAGCACCCCTCTGCTGTAACGCTGTAATCT
 GGATTTAGAAAATTAATCACAGACTCAAACAGAAGCATTGCTACCCTGGCCATTACAACATTGCTCAAA
 ACAGGAAGTGAGAGCAGTGTGGACAGGCTTATGAAGCAGATCTCTCTTTTGTGTCTGAAATCTCAGATG
 AGTTCAAGGTGGTTGTTGTACAGGCAATCAGTGTCTGTGTGAGAAGTACCCTCGGAAGCACAGCGTTAT
 GATGACTTTTCTTTCCAACATGCTTCGAGATGATGGAGGTTTGAATACAAAAGGCCATTGTGGACTGC
 ATAATCAGCATTGTGGAAGAGAACCCTGAGAGTAAAGAAGCTGGTCTAGCCACCTCTGTGAATTCATTG
 AGGACTGTGAACACACCGTTCTGGCTACTAAAATCTCCACTTATTGGGCAAAGAGGGCCCTAGAACTCC
 TGTTCCTCCAAGTATATCAGATTCAATTTTAAATAGGGTAGTCCTGGAGAATGAGGCTGTGAGAGTGT
 GCTGTGAGTGTCTTGGCTAAATTTGGGGCTCAGAAATGAGAGCCTTCTCCAAGTATCCTGTACTCTTAC
 AAAGGTGTATGATGGATACTGATGACGAGGTACGGGACCGAGCTACCTTCTACCTGAATGTGCTACAGCA
 GAGACAGATGGCCCTGAATGCTACATATATCTCAATGGTCTGACAGTCTCTATACCAGGATGGAAGAG
 GCCTTACACCAATACACATTGGAGCCTTCAGAAAAACCCTTTGATATGAAGTCAATTCCTCTTGCTATGG
 CTCTGTCTTTGAACAGAAGTCAGAGATCACACTTGTGACTCCTAAGCCAGAGAAGTTGGCTCCTTCCAG
 GCAAGACATTTTCCAAGAACAGTTGGCTGCCATTCTGAGTTTGTGAACCTGGGGCCCTGTTCAAGTCT
 TCTGAGCCTGTGAGCTGACAGAAGCAGAGACAGAGTATTCGTTGCTGTGTGAAGCACATGTTCACTG
 ACCACATTGTATTCAGTTTGACTGTACCAACACTCTGAATGACCAGCTGCTGGAGAAAGTAACTGTGCA
 GATGGAACCATCCGATTCTATGAAGTGTGTGCTGTGTCCCAGTCCCAGCCTTCCTTACAATCAACCA
 GGAATATGCTACACACTTGTTCGCTTCCAGATGAGGACCCTACAGCAGTTGCAGGCACCTTTAGCTGTA
 CCATGAAGTTTACAGTCCGGGACTGTGACCCTAATACTGGAGTTCAGATGAAGATGGATATGATGATGA
 GTATGTGCTGGAAGATCTTGAAGTGAATGTGTCTGACCACATTCAGAAGATACTAAACCTAATCTTGTCT
 GCTGCCTGGGAAGAGGTGGGAGATGCCTTTGAGAAAGAAGAGACCTTTGCCCTGAGCTCTACAAAACCC
 TTGAAGACGCTGTCAACAACATCATCAGTTTCTCGGCATGCAGCCATGTGAGAGATCAGATAAAGTACC
 CGAGAATAAGAATTCCATTCCCTCTATCTAGCAGGAGTTTACAGAGGTGGCTATGACTTACTGGTGCAG
 TCCAGGCTGGCCCTAGCAGATGGCGTGACCATGCAGGTGACTGTGAGAAGCAGAGAGAAAACACCTGTGG
 ATGTTATCTTGGCTTCTGTGGAT**TAA**
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001106929

Insert Size:

2616 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:	<u>NM_001106929.2, NP_001100399.1</u>
RefSeq Size:	3154 bp
RefSeq ORF:	2616 bp
Locus ID:	301742
Cytogenetics:	4q22