

Product datasheet for **RN206854**

Cops2 (NM_153297) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cops2 (NM_153297) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cops2
Synonyms:	CSN2; Trip15
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN206854 representing NM_153297
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGCTCGACATGGAGGATGATTTTCATGTGCGATGATGAGGAGGACTACGACCTGGAATACTCTGAAGACA
 GTAACCTGAGCCCAACGTGGATTTGGAAAATCAGTACTATAATTCCAAAGCACTGAAAGAAGATGACCC
 GAAAGCAGCACTAAGCAGCTTCCAAAAGGTTTTGGAACCTGAAGGTGAGAAGGGAGAATGGGGATTCAAA
 GCGCTAAAACAGATGATCAAGATTAACCTCAAGCTGACAACTTTCCAGAAATGATGAACAGATATAAGC
 AACTATTGACCTATATTCGGAGTGCAGTACCAGGAACTACTCTGAAAAGTCTATTAACCTATCCTTGA
 CTATATCTCCACTTCTAAACAGATGGATTTACTGCAGGAATTTTATGAAACAACACTGGAAGCTTTGAAA
 GATGCTAAGAATGATAGACTGTGGTTAAGACAAAACAAAGCTTGGAAAATTATTTTAGAACGAGAAG
 AATATGAAAAGCTTCAAAAAATTTACGCCAGTTACATCAGTCTTGTGCACTGATGATGGAGAAGATGA
 CCTGAAAAAGGTACCCAGTTATTAGAAATCTATGCTTTGGAAAATCAAATGTACACGGCACAGAAGAAC
 AACAAAAAGCTTAAAGCGCTCTATGAGCAATCACTTCATATCAAGCTGCCATCCCTCACCCACTGATCA
 TGGGTGTCATCAGAGAATGTGGTGGTAAGATGCACTTGAGAGAAGGTGAATTTGAAAAGGCACACACTGA
 TTTTTTGAAGCTTTCAAGAATTATGATGAATCAGGAAGCCCAAGACGAACCACTTGTTTAAAAATTTTG
 GTCTTAGCAAATATGCTAATGAAATCAGGAATAAATCCATTTGACTCGCAAGAGGCCAAGCCGTAAAAA
 ATGATCCAGAAATTTAGCAATGACAAATTTAGTAAGTGCCTATCAGAACAATGACATCACCGAGTTTGA
 AAAGATTCTGAAAACAAATCACAGCAACATCATGGATGATCCTTTTATAAGAGAACACATTGAAGAGCTT
 TTACGAAACATCAGAACAAGTCTCATAAAGTTAATTAAGCCTTACACAAGAATACATATTCCTTTTA
 TTTCTAAGGAGCTAAACATAGACGTAGCTGATGTGGAAAGCTTGCTGGTGCAGTGCATATGGATAACAC
 TATTCATGGCCGAATTGATCAAGTCAACCACTCCTTGAACCTGGATCATCAGAAGAGGGCGGTGCCCGA
 TATACTGCACTAGATAAATGGACCAACCACTAACTCTCTGAACCAGGCTGTGGTCACTAACTGGCTT
 AA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_153297
- Insert Size:** 1332 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_153297.1](#), [NP_695209.1](#)
RefSeq Size: 2053 bp
RefSeq ORF: 1332 bp
Locus ID: 261736
UniProt ID: [P61203](#)
Cytogenetics: 3q36
Gene Summary: transcriptional corepressor that may be involved in neural differentiation [RGD, Feb 2006]