

Product datasheet for RN213105

Cops4 (NM_001004275) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cops4 (NM_001004275) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cops4
Synonyms:	MGC94896
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN213105 representing NM_001004275 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGGCTGCCGTGCGACAGGATTTGGCCAGCTCATGAATCAAGCGGCTCTCACAAGATCTGGCGG
GCAAATATCGTCAGATTCTGAAAAAGCCATTAGTTATCTGGGACAGAACAAGTGAAGCATTGAAAGC
TTTTGTGAAGCGATGGTGAACGAGAACGTCAGCCTTGATCTCACGGCACTGCTAACAGATTTCTGC
ACACACCTCCCCAACCTGCCAGACAGCACAGCCAAGGAGGTCTACCATTTACCTTGAGAAGGTCCAGC
CTCGGGTCATCTCTTTGAGGAGCAGGTGGCTTCATACGACAGCGTCTTGATCTATTTATGAGAAGGA
AGAAGACTGGAGAAACGCAGCCCAAGTGTGGTGGGGATTCTCTGGAGACAGGACAAAAACAGTACAAC
GTAGACTATAAGCTGGAGACCTACCTGAAGATCGCGAGGCTATACTTGGAGGATGACGACCTGTCCAGG
CTGAGGCTTACATAAACCGAGCTTCTTACTTCAGAATGAATCCACAAACGAACGTTACAGATACACTA
TAAGGTTTGCTATGCACGTGTCTTGACTACAGAAGGAAGTTCATTGAAGCCGCCAAAGGTACAATGAG
CTCTCTTACAAGACAATAGTGCACGAAAGTGAAGACTGGAGGCCTTGAAGCACGCACTGCACTGCACCA
TCCTAGCGTCGGCAGGACAGCAGCGCTCTCGGATGCTGGCTACCTTTTTAAGGATGAAAGGTGCCAGCA
ACTGGCTGCTTATGGGATCCTGGAGAAAATGTACCTAGACAGGATCATCAGAGGGAACAGCTTCAAGAA
TTTGTGCAATGCTGATGCCTCACAAAAAGCAACCACAGCTGATGGTTCCAGCATCTTGGACAGAGCTG
TTATTGACATAATTTGTTGTCAGCAAGCAAATTAATAACAACATCACCTTTGAGGAACCTCGGAGCTCT
TTTAGAGATCCCTGCAGCTAAGGCAGAAAAGATAGCATCTCAGATGATAACAGAAGGACGCATGAACGGA
TTTATTGACCAGATCGATGGGATAGTTCAATTTGAAACACGAGAAGCCCTGCCGACGTGGGACAAGCAGA
TCCAATCACTTTGTTTCCAAGTAAATAACCTCCTGGAGAAGATTAGTCAGACAGCCCCGAGTGGACAGC
GCAAGCCATGGAGGCGCAGATGGCCAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001004275
Insert Size:	1221 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:	<ol style="list-style-type: none">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_001004275.1</u> , <u>NP_001004275.1</u>
RefSeq Size:	1598 bp
RefSeq ORF:	1221 bp
Locus ID:	360915
UniProt ID:	<u>Q68FS2</u>
Cytogenetics:	14p22
Gene Summary:	mouse homolog is a member of the COP9 complex, which may act as a regulator of cell signaling pathways [RGD, Feb 2006]