

Product datasheet for **MC200186**

Cops6 (BC004664) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cops6 (BC004664) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cops6
Synonyms:	Sgn3, VIP/MOV34
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC004664

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>BC004664
CGCGGGGAAAATGGCGGGCGGAGCTGCGGGGGGGCGAATGGGAGCGGAGGCAGCAGCGGCATGGAAGTG
GATGCAGCAGTCCCAGCGTGATGGCTCCGGAGTGACTGGGAGTGTTCGTCGCTCTTCATCCCCTTG
TCATCCTTAACATCTCAGACCATTGGATCCGCATGCGCTCCAGGAGGGCGGCCTATGCAGGTGATTGG
GGCTCTGATCGGGAAGCAGGAGGGGCGAAATATCGAAGTGATGAACTCCTTTGAGCTGCTGTCCCACACC
GTGGAAGAGAAGATTATCATTGACAAAGAATATTATTACACCAAGGAGGAGCAGTTAAACAGGTTTTCA
AGGAGCTGGAGTTTCTGGTTGGTATACCACAGGGGGCCACCTGACCCCTCAGACATCCACGTCCATAA
GCAGGTGTGTGAGATAATTGAGAGTCCGCTCTTCTGAAGTTGAACCCTATGACCAAGCACACAGATCTT
CCTGTCAGCGTTTTGAGTCTGCATCGATAAATCAATGGAGAGGCCACAATGCTGTTTGCTGAGCTCA
CTTACACTCTGGCCACTGAGGAAGCTGAACGGATCGGTGTAGACCAGTGGCCCGGATGACAGCAACAGG
CAGTGGGAGAACTCCACTGTGGCTGAACACCTGATAGCTCAGCATAGTGCCATCAAGATGCTGCACAGC
CGTGTGAAGCTCATTTTGAATATGTCAAGGCCTCTGAAGCAGGAGAGGTTCCCTTCAACCATGAGATCC
TGCGGGAGGCCTATGCCCTATGTCACTGTCTTCCAGTTCTCAGCACTGACAAGTTCAAGACAGACTTTTA
TGATCAATGCAATGACGTGGGGCTCATGGCCTACCTCGGCACCATCACAAAAACGTGCAACACAATGAAC
CAGTTTGTGAACAAGTTCAACGTCCTCTACGACCACAAGGCATTGGCCGGCGAATGCGGGGACTGTTTT
TCTGATGATGGTTCTGGAAGGGATGGTGTGTGGGGCTCAGACAGCTGTTCCATGGACCTGAGTACCACAT
TCCCTTTAGAGAACTCATTAAATAAAGAGCAGCCCTTAGCAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
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Restriction Sites:	RsrII-NotI
ACCN:	BC004664
Insert Size:	975 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).



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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>BC004664</u> , <u>AAH04664</u>
RefSeq Size:	1118 bp
RefSeq ORF:	975 bp
Locus ID:	26893
Cytogenetics:	5 G2
Gene Summary:	<p>Component of the COP9 signalosome complex (CSN), a complex involved in various cellular and developmental processes. The CSN complex is an essential regulator of the ubiquitin (Ubl) conjugation pathway by mediating the deneddylation of the cullin subunits of SCF-type E3 ligase complexes, leading to decrease the Ubl ligase activity of SCF-type complexes such as SCF, CSA or DDB2. The complex is also involved in phosphorylation of p53/TP53, c-jun/JUN, IκappaBα/NFKBIA, ITPK1 and IRF8, possibly via its association with CK2 and PKD kinases. CSN-dependent phosphorylation of TP53 and JUN promotes and protects degradation by the Ubl system, respectively. Has some glucocorticoid receptor-responsive activity (By similarity). Stabilizes COP1 through reducing COP1 auto-ubiquitination and decelerating COP1 turnover rate, hence regulates the ubiquitination of COP1 targets, including SFN (By similarity). [UniProtKB/Swiss-Prot Function]</p>