

Product datasheet for **SC319375**

COPS6 (NM_006833) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: COPS6 (NM_006833) Human Untagged Clone
Tag: Tag Free
Symbol: COPS6
Synonyms: CSN6; MOV34-34KD
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC (PS100020)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_006833.4
 GGAAAATGGCGGCGGCGGCGGCGGCTGCAGCTACGAACGGGACCGGAGGAAGCAGCG
 GGATGGAGGTGGATGCAGCAGTAGTCCCCAGCGTGATGGCCTGCGGAGTGACTGGGAGTG
 TTTCCGTCGCTCTCCATCCCCTTGTCATTCTCAACATCTCAGACCACTGGATCCGCATGC
 GCTCCCAGGAGGGCGGCGCTGTGCAGGTGATTGGGCTCTGATTGGCAAGCAGGAGGGCC
 GAAATATCGAGGTGATGAACTCCTTTGAGCTGCTGTCCCACACCGTGGAAGAGAAGATTA
 TCATTGACAAGGAATATTATTACACCAAGGAGGAGCAGTTTAAACAGGTGTTCAAGGAGC
 TGGAGTTTCTGGGTTGGTATACCACAGGGGGCCACCTGACCCCTCGGACATCCACGTCC
 ATAAGCAGGTGTGTGAGATCATCGAGAGCCCCCTTTTCTGAAGTTGAACCCTATGACCA
 AGCACACAGATCTTCTGTGAGCGTTTTTGAGTCTGTGATTGATAATCAATGGAGAGG
 CCACAATGCTGTTTGGCTGAGCTGACCTACTCTGGCCACAGAGGAAGCGGAACGCATTG
 GTGTAGACCACGTAGCCCGAATGACAGCAACAGGCAAGTGGAGAGAACTCCACTGTGGCTG
 AACACCTGATAGCACAGCACAGCGCCATCAAGATGCTGCACAGCCGCGTCAAGCTCATCT
 TGGAGTACGTCAAGGCCTCTGAAGCGGGAGAGGTCCCCTTTAATCATGAGATCCTGCGGG
 AGGCCTATGCTCTGTGCTACTGTCTCCCGGTGCTCAGCACAGACAAGTTCAAGACAGATT
 TTTATGATCAATGCAACGACGTGGGGCTCATGGCTACCTCGGCACCATCACAAAACGT
 GCAACACCATGAACCAGTTTGTGAACAAGTTCAATGTCCTCTACGACCGACAAGGCATCG
 GCAGGAGAATGCGCGGGCTCTTTTTCTGATGAGGGTACTTGAAGGGCTGATGGACAGGGG
 TCAGGCAACTATCCCAAAGGGGAGGGCACTACACTTCTTGAGAGAAACCGCTGTCAATTA
 ATAAAAGGGGAGCAGCCCTGAGCACCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_006833



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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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	NM_006833.4 , NP_006824.2
RefSeq Size:	1441 bp
RefSeq ORF:	984 bp
Locus ID:	10980
UniProt ID:	Q7L5N1
Cytogenetics:	7q22.1
Domains:	JAB_MPN
Protein Families:	Druggable Genome, Stem cell - Pluripotency
Gene Summary:	The protein encoded by this gene is one of the eight subunits of COP9 signalosome, a highly conserved protein complex that functions as an important regulator in multiple signaling pathways. The structure and function of COP9 signalosome is similar to that of the 19S regulatory particle of 26S proteasome. COP9 signalosome has been shown to interact with SCF-type E3 ubiquitin ligases and act as a positive regulator of E3 ubiquitin ligases. This protein belongs to translation initiation factor 3 (eIF3) superfamily. It is involved in the regulation of cell cycle and likely to be a cellular cofactor for HIV-1 accessory gene product Vpr. [provided by RefSeq, Jul 2008]