

Product datasheet for **SC108688**

COPS7A (NM_016319) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	COPS7A (NM_016319) Human Untagged Clone
Tag:	Tag Free
Symbol:	COPS7A
Synonyms:	CSN7; CSN7A; SGN7a
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC108688 sequence for NM_016319 edited (data generated by NextGen Sequencing)

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ATGAGTGC GGAAGTGAAGGTGACAGGGCAGAACCAGGAGCAATTTCTGCTCCTAGCCAAG
TCGGCCAAGGGGCAGCGCTGGCCACACTCATCCATCAGGTGCTGGAGGCCCTGGTGTC
TACGTGTTTGGAGAACTGCTGGACATGCCAATGTTAGAGAGCTGGCTGAGAGTGACTTT
GCCTCTACCTCCGGCTGCTCACAGTGTGGTTATGGGACATACGCTGACTACTTAGCT
GAAGCCC GGAATCTTCTCCACTAACAGAGGCTCAGAAGAATAAGCTTCGACACCTCTCA
GTTGTCA CCTGGCTGCTAAAGTAAAGTGTATCCCATATGCAGTGTGCTGGAGGCTCTT
GCCCTGCGTAATGTGCGGCAGCTGGAAGACCTTGTGATTGAGGCTGTGTATGCTGACGTG
CTTCGTGGCTCCCTGGACCAGCGCAACCAGCGGCTCGAGGTTGACTACAGCATCGGGCGG
GACATCCAGCGCCAGGACCTCAGTGCCATTGCCCGAACCTGCAGGAATGGTGTGTGGGC
TGTGAGGTCGTGCTGTCAGGCATTGAGGAGCAGGTGAGCCGTGCCAACCAACACAAGGAG
CAGCAGCTGGGCCTGAAGCAGCAGATTGAGAGTGAGGTTGCCAACCTTAAAAAACATT
AAAGTTACGACGGCAGCAGCAGCCGACACATCTCAGGACCCTGAGCAACACCTGACT
GAGCTGAGGGAACCAGCTCCTGGCACCAACCAGCGCCAGCCAGCAAGAAAGCCTCAAAG
GGCAAGGGGCTCCGAGGGAGCGCCAAGATTTGGTCCAAGTCAATTGA
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Clone variation with respect to NM_016319.2



[View online »](#)

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_016319 unedited
 TCACCATTTGTAATCACGACTCACTATANNGGCGGCCGCGCAATTCGGCACGAAGGGCA
 AGTCCCCCACACTCAGTGCAGTGATGAGTGCAGGAGTGAAGGTGACAGGGCAGAACCAGG
 AGCAATTTCTGCTCTAGCCAAGTCGGCCAAGGGGGCAGCGCTGGCCACACTCATCCATC
 AGGTGCTGGAGGGCCCCTGGTGTCTACGTGTTTGGAGAAGTGTGGACATGCCAATGTTA
 GAGAGCTGGCTGAGAGTGACTTTGCCTCTACCTTCCGGCTGCTCACAGTGTTTGCTTATG
 GGACATACGCTGACTACTTAGCTGAAGCCCGGAATCTTCTCCACTAACAGAGGCTCAGA
 AGAATAAGCTTCGACACCTCTCAGTTGTACCCTGGCTGCTAAAGTAAAGTGTATCCCAT
 ATGCAGTGTTGCTGGAGGCTCTTGCCCTGCGTAATGTGCGGCAGCTGGAAGACCTTGTGA
 TTGAGGCTGTGTATGCTGACGTGCTTCGTGGCTCCCTGGACCAGCGCAACCAGCGGCTCG
 AGGTTGACTACAGCATCGGGCGGGACATCCAGCGCCAGGACCTCAGTGCCATTGCCCGAA
 CCCTGCANGAATGGTGTGTGGGCTGTGAGGTCGTGCTCTCAGGCATTGAGGAGCANGTGA
 GCCCGTGCNCCAACACAAGGAGCAGCAGCTGGGCCTGAAGCAGCAGATTGAGAGTGAGG
 TTGCCACCTCTAAAAACCATTAAAGCTACGACGGCAGTAGCAGCCCGCAGCACATCTC
 AGGACCCTGAACCACACCTGACTGAGCCGAAGGAACCAGCTCCTGGCACCAACCCTGCC
 AGCCAGCAAGAAAGCCTTAAAGGCAAGGGGCTCCAGGTAGCCCCAAAATTGGCCCAAC
 NCCAATTGAAAGACCGTCTTCTTCTCGGGAG

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_016319 unedited
 GAGTCGAGTTTTTTTTTTTTTTTTTTTATAGATTTCTCATAGATTTATTTCTGCGTCATATTA
 TATATAGATATATGCATATACCTTTTTTTTTTTAATACAATCTATATACCCTTCCCTT
 CCCCACAAACTCACAAAAGGAGATTAACCCTTCCAGGATTGCCATCAAGCTTCCCGAG
 ATGGCCAGGGCCAAGAAAGAATCATCTCTCAACATGTTAAGAAACGGCTGCCATTCTTAG
 GCTCTGGGGTTGAAGCAGCAGCATTCCCAGGACCAAGGGCCAGAGAGAGAAAAGAAAT
 GACTGTAGTGTGAACAGGATTCTAGGATGAACATGTCCAGTGACTCCTGGCATGGCAGAC
 TGGCTCCCAGAATTCTCAGGGTGTGAGTAAAGGTGGGGCCCTATGGCTCTTCAGAGGCT
 GCTCAATAGGTCAGGGTAGGGTATAGGAACTGGGGATCAGGCATGCAGGGATGGGGTGG
 CAGAAAAACGCCTGTGGGTTATGCTCCAGACAGAGCGACCCCCATCAGGGCTACCCACC
 TACTCAATGACATGTAATGAACAGGGACAGATGCTGAGCTCTTAAGGAACANGGGAGAGA
 CATGGCANCGGGAGCAATGGACACATGAAGTCACAAAAACCAGAAGTACCCACAAAACA
 TGACCTATTNGACTCCTCCNTAGAGAAGGGGTGATCTATGTTGGGGTAGGGGAGGTG
 GNGGGTCATGAACCTAGGATAAATANCTGGCAAGGGCACAGAAGGCTTCTGAAGACTCCTA
 NAGGCAGCAGCCCTGGAACCCCAATCCCAGGAAGACCGACAGTTCTTTAATTGACTTG
 GACAAATTTGGCGCTCCTCGGAGCCCTGCCTTTGAGCGTTTTGCTGGCTGNCTTGNTGG
 GCCAAAACGGTTCCTACTAACAGGGGTGTAGGCCTAAAAGGGGGGCTGTGTGCGCCACC
 TTAAGGTTTTAGTGGACCTACTTATTGGTTAGCCATTTGCCCTTGTGTGGCG

Restriction Sites:

NotI-NotI

ACCN:

NM_016319

Insert Size:

1800 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_016319.1](#), [NP_057403.1](#)

RefSeq Size: 1868 bp

RefSeq ORF: 828 bp

Locus ID: 50813

UniProt ID: [Q9UBW8](#)

Cytogenetics: 12p13.31

Domains: PCI

Gene Summary: This gene encodes a component of the COP9 signalosome, an evolutionarily conserved multi-subunit protease that regulates the activity of the ubiquitin conjugation pathway. Alternatively spliced transcript variants that encode the same protein have been described. [provided by RefSeq, Mar 2014]
Transcript Variant: This variant (4) differs in the 5' UTR compared to variant 1. Variants 1-4 encode the same protein.