

## Product datasheet for **SC116511**

### SDCCAG10 (CWC27) (NM\_005869) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	SDCCAG10 (CWC27) (NM_005869) Human Untagged Clone
Tag:	Tag Free
Symbol:	SDCCAG10
Synonyms:	NY-CO-10; RPSKA; SDCCAG-10; SDCCAG10
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >OriGene ORF within SC116511 sequence for NM\_005869 edited (data generated by NextGen Sequencing)

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ATGAGCAACATCTACATCCAGGAGCCTCCACGAATGGGAAGGTTTTATTGAAAACATACA
GCTGGAGATATTGACATAGAGTTGTGGTCCAAAGAAGCTCCTAAAGCTTGCGAGAAATTTT
ATCCAACCTTTGTTTGAAGCTTATTATGACAATACCATTTTTCATAGAGTTGTGCCTGGT
TTCATAGTCCAAGGCGGAGATCCTACTGGCACAGGGAGTGGTGGAGAGTCTATCTATGGA
GCGCCATTCAAAGATGAATTTTCATTTCACGGTTGCGTTTTAATCGGAGAGGACTGGTTGCC
ATGGCAAATGCTGGTTCATGATAATGGCAGCCAGTTTTTCTTACACTGGGTCGAGCA
GATGAACTTAACAATAAGCATACCATCTTTGAAAAGGTTACAGGGGATACAGTATAATAAC
ATGTTGCGACTGTGAGAAGTAGACATTGATGATGACGAAAGACCACATAATCCACACAAA
ATAAAAAGCTGTGAGGTTTTGTTAATCCTTTTGATGACATCATTCCAAGGAAATTA
AGGCTGAAAAAGAGAAACCAGAGGAGGAAGTAAAGAAATTGAAACCCAAAGGCACAAAA
AATTTTAGTTTACTTTTCATTTGGAGAGGAAGCTGAGGAAGAAGAGGAGGAAGTAAATCGA
GTTAGTCAGAGCATGAAGGGCAAAGCAAAGTAGTCATGACTTGCTTAAGGATGATCCA
CATCTCAGTTCTGTTCCAGTTGTAGAAAGTAAAAAGGTGATGCAGCAGATTTAGTTGAT
GATGGAGAAGATGAAAGTGCAGAGCATGATGAATATATTGATGGTATGAAAAGAACCCTG
ATGAGAGAAAGAATTGCCAAAAAATTA AAAAGGACACAAGTGGCAATGTTAAATCAGCT
GGAGAAGGAGAAGTGGAGAAGAAATCAGTCAGCCGAGTGAAGAGCTCAGAAAAGAAGCA
AGACAATTA AACCGGAACTCTTAGCAGCAAAACAAAAAAAGTAAAAATGCAGCAAAA
CAAGCAGAAAAAGAAAGTGAAGAGGAAGAAGCCCTCCAGATGGTGTCTTTGCCGAATAC
AGAAGAGAAAAAGCAAAGTATGAAGCTCTGAGGAAGCAACAGTCAAAGAAGGAACTTCC
CGGAAGATCAGACCCTGCACTGCTGAACCAGTTTAAATCTAACTCACTCAAGCAATT
GCTGAAACGCCTGAAAAATGACATTCTGAAACAGAAAGTAAAGATGATGAAGGATGAGT
TCACATGTACTTCAGTTTGAGGATAAAAAGCAGAAAAGTAAAGATGCAAGCATGCAAGAC
TCAGATACATTTGAAATCTATGATCCTCGGAATCCAGTGAATAAAAAGAAGGAGGGAAGAA
AGCAAAAAGCTGATGAGAGAGAAAAAGAAAGAAGATA

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Clone variation with respect to NM\_005869.2  
766 c=>g;1108 t=>c

**5' Read Nucleotide Sequence:**

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>OriGene 5' read for NM_005869 unedited
ATTTTGTAAATACGACTCACTATTANNGCGGCCGCGCAATTCGGCACGAGGTAACAACAT
GGCGGCGTCCGTGAGGGGCTCCTTTGGGCAGGGGTAGTGTGGTGTCCCTGTCTTGCGT
GATATTGACAACTGAAGCTTTCCTGCACCACTGGACTTAAGGAAGAGTGTACTCGTAGG
CGGACAGCTTTAGTGGCCGGCCGGCCGCTCTCATCCCCATAAGGAGCAGAGTCCTTTGT
ACTGACCAAGATGAGCAACATCTACATCCAGGAGCCTCCCACGAATGGGAAGGTTTTATT
GAAAACCTACAGCTGGAGATATTGACATAGAGTTGTAGTCCAAGAAGCTCCTAAAGCTTG
CAGAAAATTTTATCCAACCTTTGTTTGAAGCTTATTATGACAATACCATTTTTCATAGAGT
TGTGCCTGGTTTCATAGTCCAAGGCGGAGATCCTACTGGCACAGGGAGTGGTGGAGAGTC
TATCTATGGAGCGCCATTCAAAGATGAATTTTCATTACGGTTGCGTTTTAATCGGAGAGG
ACTGGTTGCCATGGCAAATGCTGGTTTCATGATAATGGCAGCCAGTTTTTCTTACCAC
TGNGTCGAGCAGATGAACTTAACAATAAGCATAACCATCTTTGAAAAGGTTACAGGGGATA
CAGTATAACCATGCTGCGACTGTCAGAAGTAGACATTGATGATGACCAAAGACCATAA
TCCACACAAAATAAAAAGCTGTGAAGTTTTGTTAATCCTTTTGATGACATCTTCCCAAG
GAAATTAAGCTTGAAAAAGAGAACCCAGGACGCAGTTAAGGAATTGAAACCAAGG
CCANAAATTTTACTTTTCAATTTGAAAAGAAGCCTTAGTACAAGAAGAAGAAATTA
TCCAGTTATCCCAACTTGAGGGCAAAGCCAATATCCTGATTGCTTAGAAGATCCACTCT
AATTTGTTTCATGTGAAA

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<b>3' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 3' read for NM_005869 unedited</p> <pre>TACCGCGCCGCAATCTAAATCGAGTTTTTTTTTTTTTTTTTAAATGAGGAAGGAAAGTT ATTTTATTTTCAGATTTAGCAATATAAAAGGTCAGCTAGGAAAAACACATGTACCAGTAA CCAAAAGCATTGCTTACATCATTCCACAATTTGCAAAACAAGATAATTGTTTTTCAAAA CCAGACAACAGGTTCAAAAATACTTCTTTTCACACCCCTAAGTGATGCTGTTGGGAACAA TGGCTGTTACAAGGCCATTGTAGGCACATTTCCAGCAAGTTCTGGTTATCATTATTCTCA TTTTAACTTCTTTCTTTTTCTCTCTCATCAGCTTTTTGCTTTCTCCCTCCTTCTTTA TTCAGTGGATTCCGAGGATCATAGATTTCAAATGTATCTGAGTCTTGCAATGCTTGAATCT TTCAGTTTTCTGCTTTTATCCTCAAAGTGAAGTACATGTGACATCCATCCTTCATCATCT TCTACTTCTGTTTCAGGAATGTCAATTTTCAGGCGTACCAGCAAACGCTTGAGAGAGTTTA GATTTAACTGGTTCAGAAGTGCAACGGTCTACTTCTCCCGAAGTCCCCTATTTGACT GTAGCTTCTCACANCTTACTACTTTAGCTTTTCTTCTGTATTTCGGCAACAGCACCAT CTGGAAGGGCTTCTTCTCTCACTTCTTTTTCTGTTTGTGTTGCTACATTTTAACTTTT TTGTTAGCGCTAAAATCCGCTTAAATGGCTAGCTCCTTCTGACCTCTACTTGGGCAG AACTGATTTCTCACACTTCTTTTTCCAACGATTAATAATCCCACTGGGACCTTCTAATTT TTGGAAGTACTTCTATAAGCTTTTCTTACCATAATATATTACAAGCTCAGCACTACC TCTCCATCCTAACAAACCAGCCGCAACCTTCTCACTCCCACCCGCAAAATCTCCATGGC TTACCCAAACAGAAAACCACTTACTAAACTCCTAGCAATACTAGG</pre>
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_005869
<b>Insert Size:</b>	1860 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<a href="#">NM_005869.2</a> , <a href="#">NP_005860.2</a>
<b>RefSeq Size:</b>	2093 bp
<b>RefSeq ORF:</b>	1419 bp
<b>Locus ID:</b>	10283
<b>UniProt ID:</b>	<a href="#">Q6UX04</a>
<b>Cytogenetics:</b>	5q12.3

**Gene Summary:**

As part of the spliceosome, plays a role in pre-mRNA splicing (PubMed:29360106). Probable inactive PPIase with no peptidyl-prolyl cis-trans isomerase activity (PubMed:20676357).

[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (1) encodes the longest isoform (1).