

## Product datasheet for **SC335760**

### SDCCAG10 (CWC27) (NM\_001297645) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	SDCCAG10 (CWC27) (NM_001297645) Human Untagged Clone
Tag:	Tag Free
Symbol:	CWC27
Synonyms:	NY-CO-10; RPSKA; SDCCAG-10; SDCCAG10
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC335760 representing NM_001297645. Blue=Insert sequence Red=Cloning site Green=Tag(s)

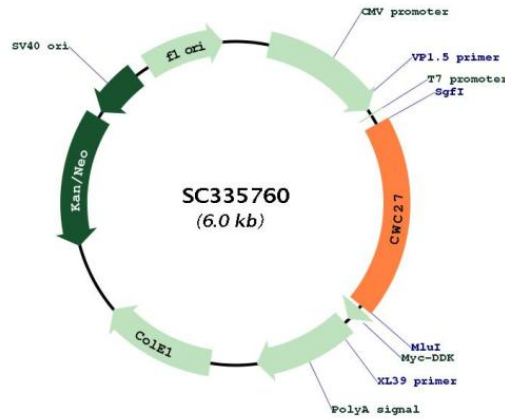
```
GCTCGTTTGTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGAGCAACATCTACATCCAGGAGCCTCCACGAATGGGAAGTTTTATTGAAAACACAGCTGGAGAT
ATTGACATAGAGTTGTGGTCCAAAGAAGCTCCTAAAGCTGCAGAAAATTTATCCAATTTGTTGGAA
GCTTATTATGACAATACCATTTTCATAGAGTTGTGCCTGGTTTCATAGTCCAAGCGGAGATCCTACT
GGCACAGGGAGTGGTGGAGAGTCTATCTATGGAGCGCCATTCAAAGATGAATTTTCATTACGGTTGCGT
TTAATCGGAGAGGACTGGTTGCCATGGCAAATGCTGGTTCTCATGATAATGGCAGCCAGTTTTTCTTC
ACACTGGGTCGAGCAGATGAACTTAAACAATAAGCATAACCATCTTTGGAAAGGTTACAGGGGATACAGTA
TATAACATGTTGCGACTGTCAGAAGTAGACATTGATGATGACGAAAGACCACATAATCCACACAAAATA
AAAAGCTGTGAGGTTTTGTTAATCCTTTTGTGACATCATTCCAAGGAAATTTAAAGGCTGAAAAAA
GAGAAACCAGAGGAGGAAGTAAAGAAATTTGAAACCCAAAGGCACAAAAATTTAGTTTACTTTTCAATTT
GGAGAGGAAGCTGAGGAAGAAGAGGAGGAAGTAAATCGAGTTAGTCAGAGCATGAAGGGCAAAAGCAAA
AGTAGTCATGACTTGCTTAAGGATGATCCACATCTCAGTTCTGTTCCAGTTGTAGAAAAGTAAAAAGGT
GATGCACCAGATTTAGTTGATGATGGAGAAGATGAAAGTCAGAGCATGATGAATATATTGATGGTGAT
GAAAAGAACCCTGATGAGAGAAAGAATTGCCAAAAATTTAAAAAGGACACAAGTGCGAATGTTAAATCA
GCTGGAGAAGGAGAAGTGGAGAAGAAATCAGTCAGCCGACGCCACCTTCTCTATGCCTGTATCTTGAC
TACTGGATACAGCTCAGCAGAATCACACAGGCATATACAAGCTGGTATTATTATGGATTCTAGATTCC
AGCCTCAGCTGTGTCTCCAGTGCTTCTTATTACTCACTCGCCACAATGTTTACTTCACACTTCAAAT
CACTCAACGGATCACCTGGCTGCTTGTTTTTTATGAAATGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
```

Restriction Sites: SgfI-MluI



[View online »](#)

## Plasmid Map:



ACCN: NM\_001297645

Insert Size: 1146 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\\_001297645.1](#)

RefSeq Size: 2160 bp

RefSeq ORF: 1146 bp

Locus ID: 10283

UniProt ID: [Q6UX04](#)

Cytogenetics: 5q12.3

MW: 43 kDa

**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 (3) lacks several 3' exons and has an alternate 3' terminal exon, compared to variant 1. The resulting isoform (3) is shorter and has a distinct C-terminus compared to variant 1.