

Product datasheet for **SC335821**

SDCCAG10 (CWC27) (NM_001297644) Human Untagged Clone

Product data:

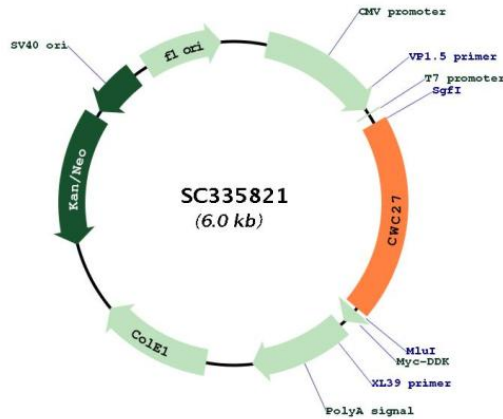
Product Type:	Expression Plasmids
Product Name:	SDCCAG10 (CWC27) (NM_001297644) Human Untagged Clone
Tag:	Tag Free
Symbol:	CWC27
Synonyms:	NY-CO-10; RPSKA; SDCCAG-10; SDCCAG10
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC335821 representing NM_001297644. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGAGCAACATCTACATCCAGGAGCCTCCACGAATGGGAAGTTTTATTGAAAACACAGCTGGAGAT
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TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: Sgfl-Mlul



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Plasmid Map:


ACCN: NM_001297644

Insert Size: 1176 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_001297644.1](#)

RefSeq Size: 1999 bp

RefSeq ORF: 1176 bp

Locus ID: 10283

UniProt ID: [Q6UX04](#)

Cytogenetics: 5q12.3

MW: 44.1 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 (2) lacks an exon in the 3' coding region, which causes frameshift, compared to variant 1. The resulting isoform (2) is shorter and has a distinct C-terminus compared to isoform 1.