

Product datasheet for **RG237927**

SDCCAG10 (CWC27) (NM_001297644) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SDCCAG10 (CWC27) (NM_001297644) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	CWC27
Synonyms:	NY-CO-10; RPSKA; SDCCAG-10; SDCCAG10
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG237927 representing NM_001297644. Blue=ORF Red=Cloning site Green=Tag(s)

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GATCCGGTACCGAGGAGATCTGCCGCC GCGATCGCC
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TTAATCGGAGAGGACTGGTTGCCATGGCAAATGCTGGTTCTCATGATAATGGCAGCCAGTTTTTCTTC
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AGTGAAGAGGAAGAAGCCCTCCAGATGGTGCTGTTGCCGAATACAGAAGAGAAAAGCAAAAAGTATGAA
GCTTTGAGGAAGCAACAGTCAAAGAAGGAACTTCCCAGGAAGATCAGGATGTCACATGACTTCAGTT
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
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Protein Sequence: >Peptide sequence encoded by RG237927
 Blue=ORF Red=Cloning site Green=Tag(s)

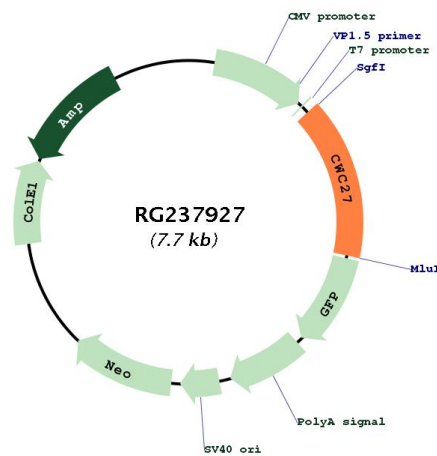
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 GTGSGGESIYGAPFKDEFHSRLRFNRRGLVAMANAGSHDNGSQFFFTLGRADELNNKHTIFGKVTGDTV
 YNMLRLSEVDIDDERPHNPHKIKSCEVLFNPFDDIIPREIKRLKKEKPEEEVKLLKPKGTKNFSLLSF
 GEEAEEEEEEVNVRVSQSMKGGKSSHDLLKDDPHLSSVPVVESEKGDAPDLVDDGEDESAEHDEYIDGD
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 SVIFTDKIIRSNATVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSHMHFKSAIHPSILQNGGPMFA
 FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN:	NM_001297644
ORF Size:	1173 bp
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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).
RefSeq:	NM_001297644.1 , NP_001284573.1
RefSeq Size:	1999 bp
RefSeq ORF:	1176 bp
Locus ID:	10283
UniProt ID:	Q6UX04
Cytogenetics:	5q12.3
MW:	44.5 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]