

Product datasheet for **MC216226**

Cwc27 (NM_026072) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cwc27 (NM_026072) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cwc27
Synonyms:	3110009E13Rik; NY-CO-10; Sdccag10
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC216226 representing NM_026072
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGAGTAACATCTACATCCAGGAGCCGCCACTAATGGGAAGTTTTACTGAAAACACGGCTGGAGATA
TTGACATAGAGTTGTGGTCAAAGAAGCTCCTAAAGCATGCAGAAATTTCAATCAGCTTTGTTTGGAAAGC
CTACTATGACAACACCATTTTTTCATAGAGTTGTACCTGGCTTTATAGTCCAAGGTGGAGATCCCACAGGC
ACTGGGACTGGTGGAGAATCTATCTATGGAGCCCCATTCAAGGATGAATTTCACTCACGGTTGCGTTTTTA
ATAGGAGAGGACTGGTTGCCATGGCAAATGCTGGTCCACATGATAATGGCAGCCAGTTTTTCTTTACTCT
GGGCCGAGCAGATGAACCTAACAAATAAGCACACCATCTTTGGAAAGGTTACAGGAGATACAGTGTACAAC
ATGCTACGCCTGCAGAGAAGTAGATATTGATGATGAAGAAAGACCCCGAAATCCACATAGAATCAAGAGTT
GTGAGGTTTTGTTAATCCTTTTGATGACATCACTCCAAGAGAAATTAAGGAGCCCAAGAATGAGAAGCC
AGAAGAAGAAGTCAAGAAATGAAACCCAAAGGCACAAAAATTTAGTTTACTTTCTTTTGGAGAAGAA
GCTGAGGAGGAGGAGGAAGAGGTGAACCGAGTCAGTCAGAGCATGAAGGGGAGAAGTAAGAGCAGCCATG
ACCTGCTCAAGGACGACCCGCATCTAAGCTCTGTCCCAGCAGTGGAAAGTAAAAAGATGATGCAACAGG
AGATTTAGAAGATGATGGTGAGGATGACAGTGCAGAGCGTGACGAATACATGGAAGATGATGAGAAGAAC
TTGATGAGAGAAAGAATTGCAAAACGGTTAAAGAAAGATGCAAGTGCCAGTGTGAAGTCAGCCGGAGACG
GGGAGAAGAAGCCGGCAAGCCGAAGTGAAGAGCTCAGGAAAGAAGCAAGGCAGTTAAAACGAGAACTCTT
AGCAGCGAAACAGAAGAAAGAACTGCCATAAAAGTGGAGGAAGGAAGGGAAGAGGAAGAAGCTGCCCA
GATGGCGCTGTTGCAGAGTACAGGCGAGAAAAGCAGAAGTATGAAGCTTTGCGGAAGCAACAGCCAAAGA
AGGGAACCTCCCGCAGGACCAGACCTGGCACTACTGAGCCAGTTTAAATCTAAGCTCACTCAAGCAAT
TACTGAAACACCTGAAAACAGTGTCTCTGAAGCAGAAGTGGAGGACGATGAAGGCTGGATGTCACATGTG
CTCCAGTTTGAAGACAAAACCAGAAAAGTGAAGATGCAAGCATGCAGGACTCAGACACATTTGAAATCT
ATGATCTCGGAACCCAGTGAACAAAAGGAGACGGGAAGAGAGCAAAAAGCTGTTGAGAGAGAAGAAGGA
AAGGCGGTGA

ACCGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_026072

Insert Size: 1410 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_026072.1](#), [NP_080348.1](#)

RefSeq Size: 1884 bp

RefSeq ORF: 1410 bp

Locus ID: 67285

UniProt ID: [Q3TKY6](#)

Cytogenetics: 13 D1

Gene Summary: As part of the spliceosome, plays a role in pre-mRNA splicing. Probable inactive PPlase with no peptidyl-prolyl cis-trans isomerase activity.[UniProtKB/Swiss-Prot Function]