

Product datasheet for **SC122590**

CYLC2 (NM_001340) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: CYLC2 (NM_001340) Human Untagged Clone
Tag: Tag Free
Symbol: CYLC2
Mammalian Cell Selection: None
Vector: pCMV6-XL5
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_001340 edited
GATGAGGATACAGTTT
GGGTATCCCTAATCCAGAAATTCAAATGCTCAAAGTCCAAAACCTTCTGACCCACCAAC
ATGACTGATGCTCAAAGGAAATGGCCACTGGAAGATTTTCAGATTTTCAGATTTGGAATGC
TCAACCAGTAAGTATATAATGCAAATAATCCAAAATACAAAAAAAAAAAAAAAAAGAAATC
TGAAACACTTCTGATCCCAAGCATTTCAGAAAACGGATGTTTCATTGTGTGTGTGTGTGTG
TGTGTGTAAGCAGGTGTTGCTAGAAATTCACCTTATATACAAGAAAACCTTTTTGTGTACAT
ATTTGCATATATATGTACAAATGGGTAGAAACGATACATGATTAATCTTAATCGGGAAGG
AAAAGAGATTTAGGGAAGGAAGCAGTAAGTGAGAACTTTTATTCTATTTACTCCTGCACG
TTTAAATATTGTTTACAGTGAGTATATCAACATGTAAGTGTTAAAAGACAATAAGCTACT
AGTGATTTTTAAATAAAAATTAACATAAAAATTTTTAAATATTAGCAAATAATATAGCA
CACTCATGAACCTAATCCACATTTGATAGTTGTTACATTTTGCCATGTTTGTTTAAAG
GTCTAAGTCATAAAATCTTATAAAGCTAAACCCACCCTTCTCTTTCTCCTCTCTCCA
GGATAATACTGTTTTATAGTTTGTGGATATCATTCCCTTACTTGTGTTTATACTTTTAC
CAAGTGTGTATGTATTCAAAAAACAGTTGTTTTGTGATTTTAAATGTAATGAATGGCG
TTATGCTCCATGTATTCTGCACTTTTCATCATAACATTAGGTTTTGGCGATTTAGCCATA
ATTTGGCATGAATTCAGGTCTTTAAGTTTTATTCCATTGTAAGAATAACAAGTTTGT
CATTCATGCTCCGAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire
ACCN: NM_001340
Insert Size: 1003 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).



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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:	<ol style="list-style-type: none">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:	<u>NM_001340.1, NP_001331.1</u>
RefSeq Size:	2119 bp
RefSeq ORF:	1047 bp
Locus ID:	1539
UniProt ID:	<u>Q14093</u>
Cytogenetics:	9q31.1
Gene Summary:	Cylicin II (CYCL2) is specifically expressed in testis and is part of the cytoskeletal calyx of mammalian sperm heads. Cylicin II may play a role in the morphogenesis of the sperm head. [provided by RefSeq, Jul 2008]