

Product datasheet for **SC333344**

Cylicin 1 (CYLC1) (NM_001271680) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cylicin 1 (CYLC1) (NM_001271680) Human Untagged Clone
Tag:	Tag Free
Symbol:	CYLC1
Synonyms:	CYCL1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC333344 representing NM_001271680. Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGTCTCTCCAAGGCTAAAAGTAAACATCAGAACATATGATAATTCCATTCCAATCAGTGAATCAAGC
AGAAAATCATGGAATCAAAAACACTTTGCTTTGACATTTCCAAACCACTCCAGAGAGGTACAAATGAT
AAATCAAGACCTTTGAAATCACAAATAACAGTTACTCCTGAAGCACCGTGGATTCATAAGCTGCTTTAA

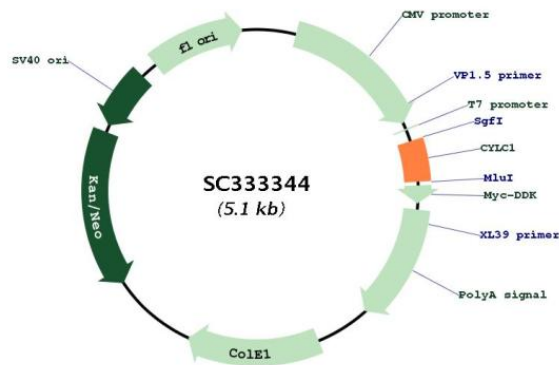
ACGGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
```

Restriction Sites: Sgfl-Mlul



[View online »](#)

Plasmid Map:



ACCN: NM_001271680

Insert Size: 207 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_001271680.1](#)

RefSeq Size: 394 bp

RefSeq ORF: 207 bp

Locus ID: 1538

Cytogenetics: Xq21.1

MW: 7.9 kDa

Gene Summary: This gene encodes a sperm head cytoskeletal protein. The encoded protein is associated with the calyx of spermatozoa and spermatids. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Nov 2012]
Transcript Variant: This variant (2) uses an alternate in-frame splice site and lacks an alternate in-frame exon compared to variant 1. It encodes a shorter protein (isoform 2) compared to isoform 1.