

## Product datasheet for **SC209711**

### ODF2 (NM\_002540) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** ODF2 (NM\_002540) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** ODF2  
**Synonyms:** CT134; ODF2/1; ODF2/2; ODF84  
**ACCN:** NM\_002540  
**Insert Size:** 1067 bp  
**Insert Sequence:** >SC209711 3'UTR clone of NM\_002540  
The sequence shown below is from the reference sequence of NM\_002540. The complete sequence of this clone may contain minor differences, such as SNPs.  
**Blue**=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CCCATCCGCTCCCGATCTCCTCTGCCTGAGGCCACTTATCAGGGCCTGGAGCCCTGATGGAAGCCATA
GGAAGTCCAGAGTTGCCAAGCCATAGCTGAGAAGCCTGGTGGTTTTCTCTCCAGTGAAAAATGGGT
TCAGGGTCTTGTCTTAGCTACTAGCTCTAGAAAAGTCCCAAAAGCAGCAGAAGGTGAAGCAGGAAGCA
CTTGGTTTTCTCCTTCTGATATAGTCACCTGTTGGAAGTGTAAAATTTCTCGACAGGCCTTAAATT
TACTACTACATTAGGGTACCACATTTTAACTTACCATGACTTTGCTCCTTCTTCTGAGAAAATATT
TCCACTGGATTTTTCCACCAGTCCCCTTACAGCCCTCATTGTTTTAGGAATCTCTCAGGTTTTTTC
TGACCTAAACCAGCAGGAAGTCCTGGGCTGTAAGCACCATCACTTGTCTTTTTTTTTTTCTGATT
TCACAAGTGTGGTGTTCCTCAAGGCTCCCTTCCAAGCTCAGTGCAAACCTCTCACTCCCAAGTTTCT
TTGAGGCCACTTGCCCCAAGCACTTACAATAGACCCTCGAGGGCTTGTGTCCATTTGGCCTTTTACA
AGTGAATGCCAATTTTATTGATTTTTGTTCTTTTGGCCTGATTTGTATCTCTGGAATGCATTTATTC
TTGAAATATTTGTGTGATTTTACAAAAAGCTTTTGAATCAGTTATTTAAGGCTCCATTTGATGATTTT
CTTTACCCAACCAAGTCCCTCATCCCTCTTAAAAAATGATTAAGTAAAATGCTGCAGGACAGCCAGTAG
ACATTTTTAAAGTACTTGGTGCCTGAAACATCAGGCTTCTCATTTTATTTAGCTCAGGTTGGTGCCTT
CACATTGTAATCAATGAAGTGTGAGGAGGGAACAACTGTAAGAAGGATTGCTTGGTGTGTTTAGGGTAG
ATCACTTAGCTATTAGGAAGAGGATGGGGTAGGTACAGTATATTTTTAAAAATGTGAATTGGTTTTT
TGAATAAGAATCTGGGCCATTTTTGTTCCACCA
ACGCGTAAGCGGCCGCGCATCTAGATTGCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

**Restriction Sites:** Sgfl-MluI



[View online »](#)

<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
<b>Components:</b>	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
<b>RefSeq:</b>	<u><a href="#">NM_002540.5</a></u>
<b>Summary:</b>	The outer dense fibers are cytoskeletal structures that surround the axoneme in the middle piece and principal piece of the sperm tail. The fibers function in maintaining the elastic structure and recoil of the sperm tail as well as in protecting the tail from shear forces during epididymal transport and ejaculation. Defects in the outer dense fibers lead to abnormal sperm morphology and infertility. This gene encodes one of the major outer dense fiber proteins. Alternative splicing results in multiple transcript variants. The longer transcripts, also known as 'Cenexins', encode proteins with a C-terminal extension that are differentially targeted to somatic centrioles and thought to be crucial for the formation of microtubule organizing centers. [provided by RefSeq, Oct 2010]
<b>Locus ID:</b>	4957
<b>MW:</b>	39.8