

Product datasheet for **SC106096**

ODF2L (BC009779) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ODF2L (BC009779) Human Untagged Clone
Tag:	Tag Free
Symbol:	ODF2L
Synonyms:	dj977L11.1; KIAA1229; MGC111060; outer dense fiber of sperm tails 2-like; RP5-977L11.1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for BC009779, the custom clone sequence may differ by one or more nucleotides

ATGTTGCTAGAAAATCTAACTGATAATGAAAGTGAAAATACTAATCTTAAGAAGAAGGTATTTGAAAAGG
 AGGCCCATATCCAAGAACTTTCTTGTGTTTCAGAGTGAAAAGAGCTTAGAAACCAAGATAGCCAAGTG
 GAACCTGCAATCAAGAATGAATAAGAATGAGGCTATAGTGATGAAAGAAGCAAGTAGGCAAAAACTGTA
 GCTTTAAAAAAGGCATCTAA

5' Read Nucleotide Sequence:

>OriGene 5' read for BC009779 unedited
 GTTCAAATTTTGTATACGACTCACTATAGGCGGCCGCAATTCGCACGAGGAGAGAGAGA
 ACTAGTCTCGAGTTTGTGTTTATTTTAACTGTTTCCTTCTACTTGAGTATAAGTCTCAG
 AAGGCAGGAGCTTGCTATCCTATTCACCTAAGGAAGCCAAGTTGTCTGAAACAATTCAG
 CTTCCAATGCCTGGAAAAGTCATTATGAGAAAATTGTAATAGAAAAAACCGAATTGGAAG
 TACAGATTGAAACAATGAAAAAGCAAATCATTAACTTTTGGAGATCTGAAGAAAATGG
 AAGACCATGAAAAAATTCATGTGAAGAAATCTTAGAAAAGTTCACTCAATTGAATATG
 AAAATGAAACTCTGAATCTTGAGAATACAAAATTAAGACTACACTTGCTGCTTTGAAGG
 ATGAAGTTGTATCTGTTGAAAATGAACTCTCAGAATTGCAAGAAGTAGAAAAAACAGA
 AAACCCCTTATTGAAATGTATAAACTCAGGTACAAAAGTTGCAAGAAGCAGCTGAAATAG
 TAAAAAGCAGATGTGAAAATTTGCTACATAAAAAATAACCAATAACAAAAACAAAAATA
 AAAATGTAGAGAAGATGAGAGGCCAGATGGAGTCTCATCTGAAGGAGTTAGAGCGTGTCT
 GCGATTCTTGACGGCGGCCGAACGGAGGCTTCACGAGTGTGANGAGAGTCTGCAGTGCT
 GCAAGGGGAAGTGTGCAGACCANGAACACACCATTANGGAGCTTCAGGGGCCAGTGTCCA
 GCCGTCTTCTGAGTTTGTCTAGATGCGTTAAAAAGAAATGCTTGGATGATTTACCAGN
 TGAGGGCACTCATGTGAGGNCCTTGATTTTAAATCCATCTACTTATTCGTAACATCA
 TTTATGCAGAACTATATACTGTTTTGCAGCTATTCTTTATTTATGTGAAA


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Restriction Sites:	NotI-NotI
ACCN:	BC009779
Insert Size:	5000 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:	<u>BC009779.1</u> , <u>AAH09779.1</u>
RefSeq Size:	1033 bp
RefSeq ORF:	231 bp
Locus ID:	57489
Cytogenetics:	1p22.3
Gene Summary:	Acts as a suppressor of ciliogenesis, specifically, the initiation of ciliogenesis. [UniProtKB/Swiss-Prot Function]