

Product datasheet for **SC304809**

ODF2L (NM_020729) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ODF2L (NM_020729) Human Untagged Clone
Tag:	Tag Free
Symbol:	ODF2L
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:	>OriGene sequence for NM_020729 edited <pre> ATGGAGAAGGCTGTAATGATGGAAGTCATTTCAGAAAGAACTCTTTTGCCATCTTAAACT ATATCAGAGAAAGAGATTTACCACGGTGTACCACTGAAAGTCATCTCAGCTGCCTGAAG CAGGACATTCTAAATGAAAAGACTGAATTGGAAGCAACACTTAAGGAAGCGGAGTTGGTA ACTCATTCTGTAGAATTGCTTTTGCCACTATTTAAGGACACCATTGAAAAGATTAATTTT GAAAATGCGAATCTTTCTGCATTGAATTTGAAGATTTCTGAACAGAAGGAAATATTAATA AAAGAATTAGACACCTTCAAAAGTGTAAGTCTAGCTTTAGAATCTTCTTAGAAAAGAGA GACTACAAACAAACAGGAGACAATTTATCCAGCATGTTGCTAGAAAATCTAACTGATAAT GAAAGTGAATACTAATCTTAAGAAGAAGGTATTTGAAAAGGAGGCCATATCCAAGAA CTTTCTTGTTGTTTCAGAGTGAAAAGGCAAACTTTGAAAAGCAAAACGTTTTCCTCAA TCAGTAAAGTAGTACATGAACGACTACAGATCCAAATTCATAAAAGGGAAGCCGAGAAC GATAAGTTGAAAGAAATATGTAAGAGCTTAGAAACCAAGATAGCCAAGTGAACCTGCAA TCAAGAATGAATAAGAATGAGGCTATAGTGATGAAAGAAGCAAGTAGGCAAAAACTGTA GCTTTAAAAAAGGCATCTAAAGTTTACAAACAAAGGCTTGACCATTTACAGGAGCTATT GAAAAGCTTACTTCCCAATTAGAGATCAGGAAGCCAAGTTGTCTGAAACAATTTAGCT TCCAATGCCTGGAAGGAGTATTATGAGAAAATTGTGATAGAAAAAACCGAATTGGAAGTA CAGATTGAAACAATGAAAAGCAAACTATTAATCTTTGGAAGATCTGAAGAAAATGGAA GACCATGGAAGAAATTCATGTGAAGAAATCTTAGAAAAGTCACTCAATTGAATATGAA AATGAAACTCTGAATCTTGAGAAATACAAAATTAAGAGTACACTTGCTGCTTTGAAGGAT GAAGTTGTATCTGTTGAAAATGAACTCTCAGAATTGCAAGAAGTAGAAAAAACAGAAA ACCTTTATTGAAATGTATAACTCAGGTACAAAAGTTGCAAGAAGCAGCTGAAATAGTA AAAAGCAGATGTGAAAATTTGCTACATAAAAAATAACCAATAACAAAAACCAAAAAATAA AATGTAGAGAAGATGAGAGGCCAGATGGAGTCTCATCTGAAGGAGTTAGAGCGTGTCTGC GATTCCTTGACGCGCGCGGAACGAGGCTTCACGAGTGTGAGGAGAGTCTGCAGTGCTGC AAGGGGAAGTGTGCAGACCAGGAACACACCATTAGGGAGCTTCAGGGCCAGATTTGAAG CAGTGGGAAGAATATTCTGTCTTGGCATGGGTTGATGGAATCACAATCTTCTGACAAAG CTTTCTGGAAGAGGAAAATGTCTTATTAGCTGAAGTGTGAAAACCTTCAACAAAAA TTAGAACAGATGGACGCAGAAAAATAAGAGCTTGAGAAGAAGCTGGCAACCAAGAAGAA TGCTTAAGCACAGCAATCTTAAGTTTAAAGAGAAATCTGCAGAGTATACAGCATTGGCC AGACAAGTGAAGCTGCTTTAGAAGAAGGAAGACAAAAGTTGCTGAAGAAATAGAGAAA ATGTCATCTAGAGAGAGTGCTTTACAAATTAATAATTAGATCTGAAAAGTGAAGCTTAGA AAGAAAAATGAAGAACAAATCAACTTGTGTTGCAAAATGAACAGTGATCCAGAGACTCCA TGA </pre>
Restriction Sites:	Please inquire
ACCN:	NM_020729
Insert Size:	1900 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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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>NM_020729.1, NP_065780.1</u>
RefSeq Size:	2312 bp
RefSeq ORF:	1935 bp
Locus ID:	57489
UniProt ID:	<u>Q9ULJ1</u>
Cytogenetics:	1p22.3
Gene Summary:	Acts as a suppressor of ciliogenesis, specifically, the initiation of ciliogenesis. [UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) encodes isoform a. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.