

Product datasheet for **SC127496**

PALMD (NM_017734) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PALMD (NM_017734) Human Untagged Clone
Tag:	Tag Free
Symbol:	PALMD
Synonyms:	C1orf11; PALML
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF within SC127496 sequence for NM_017734 edited (data generated by NextGen Sequencing)

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ATGGAAGAAGCTGAGCTGGTGAAGGGAAGACTCCAGGCCATCACAGATAAAAGAAAAATA
CAGGAAGAAATCTCACAGAAGCGTCTGAAAATAGAGGAAGACAACTAAAGCACCAGCAT
TTGAAGAAAAAGGCTTGAGGGAGAAATGGCTTCTAGATGGAATCAGCAGCGGAAAGAA
CAGGAAGAGATGAAGAAGCAAAATCAACAAGACCAGCACCAGATCCAGGTTCTAGAACAA
AGTATCCTCAGGCTTGAGAAAGAGATCCAAGATCTTGAAAAAGCTGAAGTCAAAATCTCA
ACGAAGGAAGAGGCCATTTTAAAGAACTAAAGTCAATTGAGCGGACAACAGAAGACATT
ATAAGATCTGTGAAAGTGAAGAGAGAAGAAAGAGCAGAAGAGTCAATTGAGGACATCTAT
GCTAATATCCCTGACCTTCCAAAGTCTACATACCTTCTAGGTTAAGGAAGGAGATAAAT
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GACTTTAAAGGTACAGGAATAAAAGTTTATGATGATGGGCAAAAGTCAGTGTATGCAGTA
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GTATATGCCAATCCCTTTTACAGGCCTACAACCCACAGAGAGAAACGGTGACCCCTGGA
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AGTCCCATTCGCCAGTGCCTCATCCCCGATCAGTGATTCAACAAGCAGAAGAGAAGCTT
CACACCCCGCAAAAAAGGCTAATGACTCCTTGGGAAGAATCGAATGTCATGCAGGACAAA
GATGCACCCTCTCAAAGCCAAGGCTGAGCCCCAGAGAGACAATATTTGGGAAATCTGAA
CACCAGAAATCTTCAACCACTTGTGAGGAGGACGAGGAAGATGTCAGATATAATATCGTT
CATTCCCTGCCTCCAGACATAAATGATACAGAACCGGTGACAATGATTTTTCATGGGGTAT
CAGCAGGCAGAAGACAGTGAAGAAGATAAGAAGTTTCTGACAGGATATGATGGGATCATC
CATGCTGAGCTGGTTGTGATTGATGATGAGGAGGAGGAGATGAAGGAGAAGCAGAGAAA
CCGTCCTACCACCCCATAGCTCCCATAGTCAGGTGTACCAGCCAGCCAAACCAACACCA
CTTCCTAGAAAAAGATCAGAAGCTAGTCCTCATGAAAACACAAATCATAAATCCCCCAC
AAAAATTCATATCTCTGAAAGAGCAAGAAGAAAGCTTAGGCAGCCCTGTCCACCATTCC
CCATTTGATGCTCAGACAACGGAGATGGGACTGAGGATCCATCCTTAACAGCTTTAAGG
ATGAGAATGGCAAAGCTGGGAAAAAAGGTGATCTAA
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Clone variation with respect to NM_017734.4

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_017734 unedited

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TACTATAGGGCGGCCGAATTCGGCACGAGGCTGACAAGTCGGGAATTTCTCTATTTCT
CCACTGGTGCAAGAGCGGATTTCTCCCTGCTTCTCTTCTGTACCCCGCTCCTCTCCC
CCAGGAGGCTCCTTGATTTATGGTAGCTTTGGACTTGCTTCCCGTCTGACTGTCCTTGA
CTTCTAGAATGGAAGAAGCTGAGCTGGTGAAGGGAAGACTCCAGGCCATCACAGATAAAA
GAAAAATACAGGAAGAAATCTCACAGAAGCGTCTGAAAAATAGAGGAAGACAACTAAAGC
ACCAGCATTTGAAGAAAAAGGCTTGAGGGAGAAATGGCTTCTAGATGGAATCAGCAGCG
GAAAAGAACAGGAAGAGATGAAGAAGCAAAATCAACAAGACCAGCACCAGATCCAGGTTT
TAGAACAAAGTATCCTCAGGCTTGAGAAAGAGATCCAAGATCTTGAAAAAGCTGAAGTGC
AAATCTCAACGAAGGAAGAGGCCATTTTAAAGAACTAAAGTCAATTGAGCGGACAACAG
AAGACATTATAAGATCTGTGANAGTGGAAAGAGAAGAAAGAGCAGAAGAGTCAATTGAGG
ACATCTATGCNTATATCCCTGACCTTCCAAGTCTACATACCTTCTANGTTANGGGAGGA
GANTAATGAAGANAAGAAGATGATGAACANNATAGGAAGCTTTATATGCCATGGAANNT
AAAGTGAAAAGACTTGAGACTGGAGAAAGTACAGTCTGTCTTACCTCTGCATCAGAT
GACTTTAAAGTCAGGANNTAAGTTATGATGATGGGCAAGTCAGTTATGCAGNTAGTCT
AATCCATGCACATACATGGCCCGATGGCTGGACCATTTGAAGTAAGAACTTCTAGACAGCT
CAAAGAACTCTATCCCAACAAATCATGACCTGTTTTGCCATCCTTTACGNCTACACCC
CGAGGAACGGGAACCTGNACAACT
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3' Read Nucleotide Sequence:	>OriGene 3' read for NM_017734 unedited <pre>GCATTTAGNATCGAGTTTTTTTTTTTTTTTTTTTTTAAATAACTTTTTCTTAAATTT AACAAAGCTCTTATTAGAAATGCTTTGGTATCAATAGAATAAAAAATGCTGGTTTTCCCCC ACTGAATCGTGTCAAGTAACTGGAAAAGTTACACATTTGTTTTCCCAGCTTTTTGGGAA TTTTTCACAAATAATGACTACTACTTATTCACATGGCTTAATATGGTACACTGTAATGAT AATTTTTTGGACTTCAGAAAAATAACAAAATATCCAGAAGAGAAATTTGCAAATGCTT CTTAGTTTCTTCTTCAAAGGATGTTTATATAGGTGGTACAACCTTAGATCACCTTTTTT CCCAGCTTTGCCATTCTCATCTTAAAGCTCAGATGGTTTTATCCAACAGTGTGAGCATT GATTTAGTACCACAAAAAGATAGTAGAAATAAAGCTATGGTTAACTTANGGCAGAAGC AGGTTCAGAACTAGAAGGAACCTATTTCTGTTAAGGATGGATCCTCAGTCCCATCTCCAG TTGTCTGAGCATCAAAATGGGGAATGGTGGACAGGGCTGCCTAAGCTTTCTTCTTGCTCTT TAGAGATATGGAATTTTGTGGGGGATTATGATTTGTGTTTCATGAAGACTAGCTCTGA TCTTTTCTAGAAAGTGTGTTGGTTGGTGCCTGTACCCGACTATGGGAGCTTGGGGTG TANGACGGTTTTCGGTTTTCTTATCCTCTCCTCCAACATAATCACACCACTTAGCTGGTG ATCCCTCTTCTGAGAACTCTTAATTTTTACTGTTCTTGCTGCTGAACCCAGAAATTT GCCCCGTTTTGTTATTATTGTCTAGGCGGAAGACCATTTTTCTGACCTTTCCCCCTCTG CACGGGAAAAATCTGGGGCAAAATCCAATTGCCTTTTGCCACCTCGCTTGGAG</pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_017734
Insert Size:	2430 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>NM_017734.2, NP_060204.1</u>
RefSeq Size:	2581 bp
RefSeq ORF:	1656 bp
Locus ID:	54873
UniProt ID:	<u>Q9NP74</u>
Cytogenetics:	1p21.2
Domains:	Paralemmmin