Product datasheet for SC326161

PALM3 (NM_001145028) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PALM3 (NM_001145028) Human Untagged Clone
Tag:	Tag Free
Symbol:	PALM3
Vector:	pCMV6 series

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Fully Sequenced ORF:

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>NCBI ORF sequence for NM_001145028, the custom clone sequence may differ by one or
more nucleotides
ATGGCGGAGAGCTCCCTCTACCGGCAGCGGCTAGAAGTCATCGCTGAGAAGCGGCGGCTG
CAGGAGGAGATCCGCGCCGCGCGCCGGGAGGTGGAGGAGGAGAAACTCCGCGTGGAGCGT
CTCAAGAGGAAGTCTCTCCGGGAACGTTGGCTAATGGATGGGGCAGCTGCAGTGCCAGAG
CCATCCGAAGACCCCACCTCGAAGGACCCCCAGTCACCCGAGGGCCAGGCTCAGGCCCGA
ATCCGGAACCTGGAAGACAGTTTGTTCACACTCCAGTCCCAGCTGCAACTGTTGCAAAGT
GCTTCCACAGGTGCCCAGCACAAGCCCTCAGGCAGGCCCAGCTGGCGCAGACAGGGTCAC
CGTCCTCTCTCCCAGTCCATTGTCGAGGCAGGTTCTGTAGGCCAGACTGATCTGAACAAG
AGAGCCTCCCTGCCGGCTGGACTAGTGGGCACGCCTCCAGAGTCCCCCTCTGAGCCCAGG
GAGGATGTCTTGGGGTTTCTGCCAGGCCCGAGGCAGGTCCCCGGGGCAGCAGGAGACTCC
TCAGAAGCCAATGGCCCATGCCCCAGCCCCATCCCCACTCCAGAGCAGGGGCTAAGTCAG
AGGGCAGTGCCATCCGAAGGGCGGGTGGGTGAGGCCAAAGGAGGGGGCGTGGTGAGTGTG
GTGTGGGAAGGGCTGAGGGCCACAGAGGACTGTGCCACAGGGGCCACGGGCCCCGAGCTG
GAGGCTAAGGTGGAGGAAGTGGTGCTGGAAGCCATCGGAGACAGGAAGGGAGCTGGTAGC
CTGGAGCTCCCGGCCTGGGTGAAGGAGGACAGGGGCATCGTGGAGGTGGTCTGGGAGGGG
GTGGGTGGCAGTGATGCAGAGGCCATGGGGGGAGATAGGCAGGGTCCCTGAGGTCGTGCAG
ACTAGCTCGCCTAGGCTCCAGGAGAGATTAGAGGCAGCAGCTTCCATAGAAGGGGAAGAT
GTGCCCCAGGGCAGCCCTGAGGGTGATGGGCAGGGAGGCTCTGGAGGAGAGGAGGGATCC
TTCATTTGGGTGGAGAGAGTGACCCTCAGTGAAGAGTGGGAGGAGCTGCTGGTGGAGGGG
TTGGAAGGGCCCGAGGTGGCAGGGAGGGAGAGAGGAGATGAAAGCCCGCTGGGGGCCGAG
GGGGCCAAGACGGGAGGAGGCGAGGAGACCTGGGAGGCAGAGAAGAGAAAAGCGGAAGAA
TCCATGGGAATAGGAAGTGAGGAAAAGCCAGGGACAGGGAGGGATGAAGCGGAGATGTCA
CCAGTGGTAGAGAGGAAAGGAGGAGAGAAGAAGTTGGAGCTGGAGAGCAGAGGAAGTGCA
GAAAAGCTGGGAACAGAGAGGGAAGGAGGTGAGGAACCACTGGGCATAGAGAGAAAAGTT
GAGGGACATTTGAGGGCAGAGAAGGAAGGAGATGAGGAAAAGCGAGGGGCAGAGGAGGAG
GAGGTAGAAGAACCATTGGGAGTAGAGAAGAAAGGAGGTGAGGAAGAGCCAGAGGCAACC
AAAGAACCACTGGAGGCAGAGAGAAAGGGAGGGGAGGAGACACTGGAGGCAGAGAAAAGG
GGAGGTGAGGAATCATTGGAGACAGAGAAGACCCAAGGGACGGAGGGAGATCTGAATCTA
GAACAAGGGTCTAGGGAAGGAAGTGAATCCCAGGCAGAGGAGATGAATGAGGCAGGGCCT
CCCCTTGAGGCTAACACGGAGACAAGGCCAGAGAAGGAAGGACCCCAGCCCCAGGAGAAG
CCAGTAGGAGCCCTGGAGGAGGAAGGAGTGAAGCCCCAAACCGCTGCTGAGGGCCAAGGC
CCCTTGGGGGATGCCACACCTCTTCTGGCAGAGACCCCAGCCCCAGAGCAGCCCGCCGAA
TGCCAGCCACTGCTTCAGGGGGAGGGGCCCAGCGCCAACCCCAGTGCCCACCCTGTGCCC
ACCTACGCGCCTGCCCGGCAGCCTGAGCCATCTGCCCCCACCGAGGGTGAAGAGGCAAGT
GGCCCTAAGCAAAAGACGTGCCAGTGTTGTGCGGTCATG
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Restriction Sites: Please inquire

ACCN: NM_001145028

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:	NM_001145028.1, NP_001138500.1
RefSeq Size:	2260 bp
RefSeq ORF:	2022 bp
Locus ID:	342979
UniProt ID:	A6NDB9
Cytogenetics:	19p13.12
Gene Summary:	ATP-binding protein, which may act as a adapter in the Toll-like receptor (TLR) signaling. [UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1). Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments. CCDS Note: The coding region has been updated to extend the N-terminus to one that is more supported by available conservation data or publications.