

Product datasheet for **SC104014**

PPAPDC3 (PLPP7) (NM_032728) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PPAPDC3 (PLPP7) (NM_032728) Human Untagged Clone
Tag:	Tag Free
Symbol:	PPAPDC3
Synonyms:	C9orf67; NET39; PPAPDC3
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC104014 sequence for NM_032728 edited (data generated by NextGen Sequencing)

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ATGCCAGCTTCCCAGAGCCGGGCCGTCGCCGGGACCNCAACAACGTCTCAACCGGGCT
GAGTTCCCTGTCCCTGAACCAAGCCGCCCCAAGGGGGCCCGAGCCCCGAGCTCGGGCAGA
AAGGCCTCGGGCCATCAGCACAGCCCCACCTGCTGGTGACGGGGCCAGAGAGCGACGC
CAGTCACAGCAGCTGCCAGAGGAGGACTGCATGCAGCTGAACCCCTCCTTCAAGGGCATC
GCCTTCAACTCCCTGCTGGCCATCGATATCTGTATGTCCAAGCGGCTGGGGGTGTGCGCT
GGCCGGGCGGGCTCCTGGGCCAGTGCCCGCTCCATGGTCAAGCTCATCGGCATCACGGGC
CACGGCATCCCCTGGATCGGAGGACCATCCTCTGCCTGGTGAAGAGCAGCACACTGGCC
GGCCAGGAGGTGCTCATGAATCTGCTCCTGGCCCTGCTCCTGGACATCATGACGGTGGCC
GGCGTGCAGAAGCTCATCAAGCGGCGCGCCCGTACGAGACGAGCCCCAGCCTCCTGGAC
TACCTCACCATGGACATCTACGCCTTCCCGGCCGGCACGCCAGCCGCGCCGCCATGGTG
TCCAAGTTCTTCTCAGCCACCTGGTGCTGGCGGTGCCCTGCGTGTGCTGCTGGTGCTC
TGGGCCCTCTGCGTGGGCTGTCCCGCGTGATGATCGGCCGCCACCACGTACGGACGTC
CTCTCCGGCTTTGTATCGGCTACCTCCAGTTCGGTCTGGTGGAGCTGGTCTGGATGCC
TCCAGCACCTGCCAGATGCTCATCTCTGCCTGGTGA

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Clone variation with respect to NM_032728.3
38 g=>n



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_032728 unedited NGGTCGACTTTTGTATACGACTCCTATAGGCGGCCGCGNATTCGGCACGAGGCACGGTGG CGGCTCTGGGGCAGCTCTTGTCTTCGGGGAGAAGGCCCTTGGAGCCGGGCTGGCATCGG CCTTCTCGGGGTGAGCGAGGTACCATGCCAGCTTCCCAGAGCCGGGCCCGTGCCCCGGA CCCAACACGTCCTCAACCGGGCTGAGTTCCTGTCCCTGAACCAGCCCCCAGGGGGGCC CGGAGCCCCGAGCTCGGGCAGAAAGGCCTCGGGCCATCAGCACAGCCCCACCTGCTG GTGACGGGGCAGAGAGCGACGCCAGTCACAGCAGCTGCCAGAGGAGGACTGCATGCAGC TGAACCCCTCCTTCAAGGCATCGCCTTCAACTCCCTGCTGGCCATCGATATCTGTATGT CCAAGCGGCTGGGGTGTGCGCTGGCCGGCGGCGTCTGGGCCAGTGCCCGCTCCATGG TCAAGCTCATCGGCATCACGGGCCACGGCATCCCCTGGATCGGAGGCACCATCCTCTGCC TGGTGAAGAGCAGCACACTGGCCGGCCAGGAGGTGCTCATGAATCTGCTCCTGGCCCTGC TCCTGGACATCATGACGGTGGCCGGCGTGCAGAAGCTCATCAAGCGGCGCGGCCGTACG AGACGAGCCCCAGCCTCCTGGACTACCTACCATGGACATCTACGCCTTCCCGCCGGGC ACGCCAGCCGCGCCGNCATGGTGTCCAAGNTCTCCTCAGCCACCTGGNTGCTGGCGGTG CCCCTGCGTGTGCTGCTGGTCTGGGCCCTCTGCGTGGGCTGTCCCGCGTGAGATC GGNGCCACACTNAACGGACGTNCTCTCCGGCTTGTATCGCTAACTCCAGTTTCGNNTG
Restriction Sites:	NotI-NotI
ACCN:	NM_032728
Insert Size:	2090 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:	<ol style="list-style-type: none"> 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_032728.2, NP_116117.2</u>
RefSeq Size:	2072 bp
RefSeq ORF:	816 bp
Locus ID:	84814
UniProt ID:	<u>Q8NBV4</u>
Cytogenetics:	9q34.13
Domains:	acidPPc

Protein Families: Transmembrane

Gene Summary: Plays a role as negative regulator of myoblast differentiation, in part through effects on MTOR signaling. Has no detectable enzymatic activity (By similarity).[UniProtKB/Swiss-Prot Function]