

Product datasheet for SC319761

POPDC3 (NM_022361) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	POPDC3 (NM_022361) Human Untagged Clone
Tag:	Tag Free
Symbol:	POPDC3
Synonyms:	bA355M14.1; LGMDR26; POP3
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_022361.3

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GGAAATACCAAAATATTTGCAGACTGGATCCAAATCAGGAGCCCAGATGAACTTAAAGAA
GCGAGCATGGGATTCTTAGTTTTCAAGATCCGTACACACGAAGCCTTTAATCAGCATCA
ACTCCAGTGTCCGTTTTCTCTGGTTTTGTGAAGACTGCACAAAACCTCTCATGATGGAGAA
CCAAAGGACTTAGTTACCTGTTTCAGTGTCTCTAAAGTCAACTGAAAAGTGAAGCAGGC
AGTAATACAGCCATGGAAGAAATTCAAGTTTATGGAAGAACCTAATAGATGAACACCCA
GTCTGCACAACCTGGAAGCAAGAGGCCGAAGGAGCCATTATCATCTTGCCAGTATTTTA
TTTGTAGTAGGTTTCATGGGTGGCAGTGGATTCTTCGGGCTCCTTTATGTCTTCAGTTTG
CTGGGGTTGGGTTTTCTCTGTTCTGCTGTCTGGGCTTGGGTAGATGTCTGTGCAGCTGAC
ATATTTTCCTGGAATTTTGTACTGTTTGTCTCATCTGCTTCATGCAATTTGTTTCATATTGCA
TATCAAGTTCGCAGCATAACCTTTGCCCGAGAATTCAGTGTTGTACAGCTCCCTTTTC
CAGCCCCCTGGGGATCTCTTTGCCTGTCTTCAGAACGATTGCTTTGAGCTCTGAAGTGGTT
ACTTTGGAAAAGGAACACTGTTATGCCATGCAGGGGAAAACCTTCCATTGATAAACTCTCC
TTGCTTGTTCAGGAAGGATCAGAGTGACAGTTGATGGCGAATTTCTGCATTACATTTTC
CCCCTTCAGTTCTCTGGATTCTCTGAGTGGGATCACTGAGACCCACAGAGGAAGGCATT
TTTCAGGTAACCTCACTGCAGAACTGATTGTCGATATGTGTCTTGGAGGAGAAAGAAA
TTATATCTGCTCTTTGCTCAGCATCGCTACATCTCCCGCTTTTTTCAGTGCTAATTGGC
AGTGACATTGCAGATAAACTCTATGCCTTGAATGACAGGTATATATAGGAAAAAGATAT
CACTATGATATTCGGCTACCCAATTCTATCAAATGTCAACTCCAGAAATACGCAGATCA
CCCTGACACAAACATTTTCAGAATTCAGACGATACTGTGATAAATGACATCAAAGTCTG
AAATTTATAAGTATAAAAAAGACTCTCTTTCATCATTCCCCAGTGAAATAGCAAAATA
CAAAAAAGAGCTCCCTAATGTTTTTATAAATCAAATTCAGAAGCGAGATGCCATTGCCA
ACTGTTTTATTCTTTCAACACTGCATTGTGAATAAACTTTACAAATTTTCTTGTA
AAAAAAAAAAAAAAAAAAAA
  
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Restriction Sites: Please inquire


[View online »](#)

ACCN:	NM_022361
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_022361.3, NP_071756.2</u>
RefSeq Size:	1854 bp
RefSeq ORF:	876 bp
Locus ID:	64208
UniProt ID:	<u>Q9HBV1</u>
Cytogenetics:	6q21
Protein Families:	Transmembrane
Gene Summary:	This gene encodes a member of the POP family of proteins containing three putative transmembrane domains. This gene is expressed in cardiac and skeletal muscle and may play an important role in these tissues during development. Alternatively spliced transcript variants have been found. [provided by RefSeq, Nov 2008] Transcript Variant: This variant (1) is the longer transcript and encodes a protein of 291 aa.