

Product datasheet for **RN205236**

Popdc2 (NM_199113) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Popdc2 (NM_199113) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Popdc2
Synonyms:	MGC72601
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN205236 representing NM_199113 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTGAATACGACTCACTATAGGGCGGCCGGAATTCTGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**C

ATGAGTGCCAATGGCAGCACGGTGGCTCAGCTCCTCTGGCAGCGCCTGTGTGCAGTGGCTGAAACCGG
 ATGTGGAGGGGCTGTCTACCACCTGGCCAACCTCTTCTGCTTATGGGCTTTATGGCAGGCAGTGGAGT
 ATACGGATGCTTCTACCTTTTCGGCATCCTGGGCCAGGCTACCTCTGCCTCGTGTGGGGCTGGCTT
 GATGCTTGTGGGCTAGACATCGTCCTTTGGAACGTCCTCCTGACAGTGGCTTGCCTGCTTCAGATGGCGC
 ACCTGGTATATCGCGTTCGGGTGAATACCCTCCCGGAGGAGTTCGACCTCCTCTACAAGACACTGTGCCT
 GCCCTGCAGGTACCCCTGCAGGCCTACAAGGAAATTGTCCACTGTTGCCATGAGCAGGTCTTGACACTG
 GCCACAGAGCAGACCTACGCTGTGGAGGTGAGACACCCATCAACCGCCTGTCCCTGCTCCTCTCAGGCC
 GGGTTCGAGTGAGCCAGGATGGGCAGTTTCTACACTACATCTTCCCATACCAGTTCATGGACTCTCCTGA
 ATGGGAATCCCTGCAGCCTTCTGAGGAGGGGACCTTCAGGTGACGCTGACCGCTGAGACTGAATGTAGC
 TACATTTCTGGCCCCGAAAAATCTTCACCTTCTTTGAACCGAGAGCGATACATCTCCCGCCTTTTCT
 CAGCCCTGCTGGGCTATGACATCTCCGAGAACTCTATACCCTCAATGACAAGCTGTTTGCCAAGTTTGG
 GTTACGCTTCGACATCCGCCTTCCAGCCTTTACCATGTCCTGAGTCCCTCAGCCTCTGATGGGGACCA
 GAGTCTGAGAAAGAGGATGAAGAAACCTGGAGGCAGCTGTGTCCCTGCTCAGGCCCGGCCCATCTGCA
 TCTTGCCAACACCCTCTTGTTCCTCCACCTCCAGCTACCACCAACTTCCCTGTGCCTCTGCCCGGGCCAG
 GATGTCCAGGCCTGACAGCGGCACCCTGGGTGAGGACTCCACCAGCCTGGTGTGAGGACTTTGAGGAG
 GTTTCGGGATCAGAGTCATTTATGGATTATAGGAGCGATGGGGAGTACATGAGGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_199113
Insert Size:	1107 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_199113.1</u> , <u>NP_954544.1</u>
RefSeq Size:	2243 bp
RefSeq ORF:	1107 bp
Locus ID:	360718
Cytogenetics:	11q21
Gene Summary:	mouse homolog may play a role in heart and skeletal muscle development and function [RGD, Feb 2006]