

Product datasheet for MC211910

Popdc3 (NM_024286) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Popdc3 (NM_024286) Mouse Untagged Clone
Tag: Tag Free
Symbol: Popdc3
Synonyms: AA682104; Pop3
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >MC211910 representing NM_024286
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGAAGAATCAAGCTTATGGAAAAGCTTGGTGACTGAACACCCACTCTGCACCACCTGGAAGCAGG
AGGCCGAAGGGCCATTTACCACCTCGCCAGTATCTTGTGGTAGTAGGTTTTATGGGTGGCAGTGGATT
CTTTGGGCTCCTTATGTCTTCAGCTTGTGGGCTGGGTTTCTCAGTTCTGCGGTCTGGGCGTGGGTG
GACATCTGTGCCGCTGACATATTTCTGGAATTTGTGCTGTTGTGCATCTGCTTCATGCAGTTCGTTCA
ACATCGCGTATCAAGTTCACAGCATAACCTTCGCCGAGATTTCCATGTGTTGTACAGCTCGCTCTCAA
GCCCTCGGGATCCCTTTGCCCGTCTTCAGAACAATTGCTCTGAGCTCTGAAGTGTTAGTTGGAGAAG
GAGCACTGCTACGCCATGCAGGGGAAAACCTCCATTGATCGACTCTCCGTGCTCATCTCAGGAAGAATCA
GAGTGACAGTCGATGGCGAATTTCTGCATTATATTTCCCCCTTTCAGTTCCTGGATTCTCCTGAGTGGGA
TTCGCTAAGACCCACAGAGGAAGGCATTTTTCAGGTAACCTCACAGCAGACACCGATTGCCGATATGTG
TCTTGGAGGAGAAAAAATTGTATCTACTCTTTCGCGCAGCATCGGTACATCTCCCGCTGTTTTCGGTTT
TAATTGGCAGTGACATTGCAGATAAACTCTATGCCTTGAACGACAGGGGTACATAGGAAAGAAACATCA
CTATGATATTCGGTTACCAACTACTACCATATGTCAACTCCAGACTTGTCCAGATCACCCCTAACAGAA
CAGTTCGGGAATTCAGACAACATTGTAACAAATGA

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja3179_g03.zip
Restriction Sites: Sgfl-Mlul
ACCN: NM_024286



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Insert Size:	876 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.
RefSeq:	<u>NM_024286.1</u> , <u>NP_077248.1</u>
RefSeq Size:	1851 bp
RefSeq ORF:	876 bp
Locus ID:	78977
UniProt ID:	<u>Q9ES81</u>
Cytogenetics:	10 23.35 cM
Gene Summary:	May play a role in the maintenance of heart function mediated, at least in part, through cAMP-binding.[UniProtKB/Swiss-Prot Function]