

Product datasheet for **MC217023**

Pi16 (NM_023734) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pi16 (NM_023734) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pi16
Synonyms:	1200009H11Rik; Cripi; PI-16
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC217023 representing NM_023734
 Red=Cloning site Blue=ORF

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGCACGGTTCCTGCAGCCCGTGGGTGATGTTGCCCGCCACTGCTCCTCTGCTGCTGCTGATTGCCA
 CTGGCCCCACCACAGCCCTCACAGAGGACGAGAAGCAAATATGGTGGATCTTACAACCAGTACCGTGC
 CCAGGTGTCCCCGCCAGCCTCAGATATGCTGCAGATGAGGTGGGATGACGAGCTGGCCGCTTCGCCAAG
 GCCTACGCTCAGAAGTGCCTGTGGGGCCACAACAAGAACCGGGCGGCGGAGAGAATTGTTTGCCA
 TCACGGACGAGGGCATGGACGTGCCGTGGCCGTGGGAACTGGCAGGAGGAGCATGAGTATTACAATTT
 CAGCACGGCCACCTGCGATCCGAACCAGATGTGCGGCCACTACACTCAGGTAGTGTGGAGCAAGACTGAG
 AGAATTGGCTGTGGCTCCACTTCTGCGAGACGCTCCAGGGAGTGAAGAAGCTAACATCCATTTGCTGG
 TGTGCAACTATGAGCCTCCGGGAACTGAAGGGCCGTAAGCCCTACCAGGAGGGGACTCCTTGCTCCCA
 GTGCCCTCTTGGCTACAGCTGTGAGAATCTCTGTGAGCCCATGAGAAAACCCGAAAAGGCGCAGGAT
 TCGCCTCCAAGGGTGACCGAGGTCCCTTCCACCCGCGCAACTGAAGCCCCAAGCTCCAGGAAAACCGGTA
 CTCATCCCTAGCAACCTCTGAGACTCTACATTTCTCGGTAACAAAGGTCTCGGACTCCCTGGCAACCGA
 GTCCTCACCTGCAGTAGAAAACAAGGCACCATCTTCTTAGCAACCGAAGGCCCTCCTCCATGGCAACA
 GAGGCTCAGGCTTTTGTAACTGAGGTCCCTTGGTTTCTGCAAGGCACATGCAGCCCTCGGTGGATGAAG
 GGCCAGTTAACTCCTCACATCAACACATATCCCTGTCCCAAATCTATGGACGAAGAAGCCAGCAAGTC
 GAGCGCAACCTCCGTGAGCCAAAGAAATCGCTGTACCCCAAGATGTCCCTGACAGAGTCAGGAGAGTCC
 GTACCCCAAATCCAGGAGGAGGCTGAACCAAGGACGAGTTGTCTGAGCCCGAGGCCATATTGCCCGAGG
 CAGAGCCCGCACCGACTGAGGCAGAGTGCAGTTGCGGGAGCCGAGGCTGAGTCTCCAAAGGCCGAGT
 GCCAGAGGCAGAGGCTGAGTCGCCTCTTCCAGTGAGGCTTTGGTCCAGTTCTTCCAGCCAGGAGCGT
 GGTGGGCAGAAGGCCTCACTGGAACACTCTGGCCACCCTGCCTCCCCATCCCTGCCACCTTCCCTAGTG
 CTTGCGGTAATGCCACAGGTGGGCGCACCTGGCCCTACAATCATCCTGGACAGGTGCTGAGAACCCCGA
 AAAGGCCGACTGGGATTTGAAGAATTCTGCTCACGTGTGGGGACCTTCTGGGACTGCTGCTGCCTTCC
 CTGCTGCTGTTGGCTGGCATGGTCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_023734

Insert Size: 1497 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

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_023734.3</u> , <u>NP_076223.3</u>
RefSeq Size:	2245 bp
RefSeq ORF:	1497 bp
Locus ID:	74116
UniProt ID:	<u>Q9ET66</u>
Cytogenetics:	17 A3.3
Gene Summary:	May inhibit cardiomyocyte growth.[UniProtKB/Swiss-Prot Function]