OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for SC122881

PIMREG (NM_019013) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PIMREG (NM_019013) Human Untagged Clone
Tag:	Tag Free
Symbol:	PIMREG
Synonyms:	CATS; FAM64A; RCS1
Mammalian Cell Selection:	None
Vector:	pCMV6-XL5
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF:

>OriGene sequence for NM_019013 edited
CTCGGCCTTAGTGGTGTCGGGGTCTAGTGGACAGAGAAGACTCTTGGCCAGGCAGATGGC
TTCTCGGTGGCAGAACATGGGGACCTCCGTGCGCCGGAGATCTCTCCAGCACCAGGAGCA
GCTGGAGGACAGCAAGGAGCTGCAGCCTGTGGTCAGCCATCAGGAGACCTCTGTAGGGGC
CCTGGGGTCCCTGTGCAGACAGTTCCAAAGGAGGCTGCCCCTGAGAGCCGTCAACCTCAA
CCTCCGCGCAGGGCCCTCCTGGAAACGCCTGGAAACCCCAGAGCCAGGTCAGCAGGGCCT
CCAGGCTGCAGCTCGCTCAGCTAAGAGTGCTTTGGGTGCCGTGTCCCAGAGAATCCAGGA
GTCCTGCCAAAGTGGCACCAAGTGGCTGGTGGAGACCCAGGTGAAGGCCAGGAGGCGGAA
GAGAGGAGCACAGAAGGGCAGTGGATCCCCAACTCACAGCCTGAGCCAGAAGAGCACCCG
GCTGTCTGGAGCCGCCCCTGCCCACTCAGCCGCAGACCCCTGGGAGAAGGAGCATCACCG
CCTCTCTGTCCGGATGGGCTCACATGCCCACCCATTACGGCGATCAAGGCGGGAGGCTGC
CTTCCGGAGCCCCTACTCCTCAACAGAGCCCCTCTGCTCTCCCAGCGAGTCTGACAGTGA
CCTAGAGCCTGTGGGGGCGGGAATTCAGCATCTCCAGAAGCTGTCCCAAGAGCTAGATGA
AGCCATTATGGCGGAAGAGAGTGGTGACATCGTCTCTCTCATTCATGACTGAGGAAGTGC
CTGCAGGAAACAAGCCCTGTCTGACCGCCAAGGCTTCATACTCAAGGATGTCTATGCTTC
CCCGTGAGCTTCCTGGAAAAAACCCCCGGGAGTCGTCAGTACCCCTGGGCCACTGCTAAC
AAGCACCTAACAAGGGGCCCAGAGCCCCCTGCTCCAGCCACATCTGGACCCATCAGTGAC
TGCCTGCCATAGCCTGAGAGTGTCTTGGGGAGACCTTGCAGAGGGGGAGAATTGTTCCTT
CTGCTTTCCTAGGGGACTCTTGAGCTTAGAAACTCATCGTACACTTGACCTTGAGCCTTC
TATTTGCCTCATCTATAACATGAAGTGCTAGCATCAGATATTTGAGAGCTCTTAGCTGTG
TACCCGGGTGCCTGGTTTTTGGGGAGTCATCCGCAGAGTCACTCACCCACTGTGTTTCTG
GTGCCAAGGCTCTTGAGGGCCCCACTCTCATCCCTCCTTTCCCTACCAGGGACTCGGAGG
AAGGCATAGGAGATATTTCCAGGCTTACGACCCTGGGCTCACGGGTACCTATTTATATGC
TCAGTGCAGAGCACTGTGGATGTGCCAGGAGGGGTAGCCCTGTTCAAGAGCAATTTCTGC
CCTTTGTAAATTATTTAAGAAACCTGCTTTGTCATTTTATTAGAAAGAAACCAGCGTGTG
ACTTTCCTAGATAACACTGCTTTCTCATAATAAAGACTATTTGCATTTGAAAAAAAAAAA
AAAAAAAAA

View online »

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
©2023 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

5' Read Nucleotide Sequence:

```
>OriGene 5' read for NM_019013 unedited
NGGGTTTTGGTTTTGTAATACGACTTTATATAGGCGGCCGACGAATTCGCACGAGGCTCG
GCCTTAGTGGTGTCGGGGTCTAGTGGACAGAGAAGACTCTTGGCCAGGCAGATGGCTTCT
CGGTGGCAGAACATGGGGACCTCCGTGCGCCGGAGATCTCTCCAGCACCAGGAGCAGCTG
GAGGACAGCAAGGAGCTGCAGCCTGTGGTCAGCCATCAGGAGACCTCTGTAGGGGCCCTG
GGGTCCCTGTGCAGACAGTTCCAAAGGAGGCTGCCCCTGAGAGCCGTCAACCTCAACCTC
CGCGCAGGGCCCTCCTGGAAACGCCTGGAAACCCCAGAGCCAGGTCAGCAGGGCCTCCAG
GCTGCAGCTCGCTCAGCTAAGAGTGCTTTGGGTGCCGTGTCCCAGAGAATCCAGGAGTCC
TGCCAAAGTGGCACCAAGTGGCTGGTGGAGACCCAGGTGAAGGCCAGGAGGCGGAAGAGA
GGAGCACAGAAGGGCAGTGGATCCCCAACTCACAGCCTGAGCCAGAAGAGCACCCGGCTG
TCTGGAGCCGCCCCTGCCCACTCAGCCGCAGACCCCTGGGAGAAGGAGCATCACCGCCTC
TCTGTCCGGATGGGCTCACATGCCCACCCATTACGGCGATCAAGGCGGGAGGCTGCCTTC
CGGAGCCCCTACTCCTCAACAGAGCCCCTCTGCTCTCCCAGCGAGTCTGACAGTGACCTA
GAGCCTGTGGGGGCGGGAATTCAGCATCTCCAGAAGCTGTCCCAAGAGCTAGATGAAGCC
ATTATGGCGGAAGAGAGTGGTGACATCGTCTCTCTCATTCATGACTGANGAAGTGCCTGC
AGGAAACAAGCCCTGTCTGACCGCCAAGGCTTCATACTCAAGGATGTCTATGCTTCCCCG
TGAGCTTNCTGGAAAAAAACCCCGGNAGTCGTCAGTACCCCTGG
```

Restriction Sites: Please inquire

ACCN: NM_019013

Insert Size: 1518 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: NM_019013.1, NP_061886.1

RefSeq Size: 1483 bp

RefSeq ORF: 717 bp

Locus ID: 54478

UniProt ID: Q9BSJ6

Cytogenetics: 17p13.2

Protein Families: Druggable Genome

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
©2023 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

Gene Summary: During mitosis, may play a role in the control of metaphase-to-anaphase transition. [UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) represents the longer transcript and encodes the shorter isoform (1).

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
©2023 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US