

Product datasheet for **SC122717**

PAMCI (RASSF9) (NM_005447) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PAMCI (RASSF9) (NM_005447) Human Untagged Clone
Tag:	Tag Free
Symbol:	PAMCI
Synonyms:	P-CIP1; PAMCI; PCIP1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_005447 edited
 GAAAGCCAGGAACATCCGAGGAGAAGAGAAAGCTTCCAGCCCTCCTCCCTTACCCTGGA
 AATCCAGACACCCCCACCCACCCCTCAGATCACTTTAAGATAATTTCTTTATTCGTTTTG
 CCCGACAGACCATGGCTCCCTTTGGAAGAACTTGCTAAAGACTCGGCATAAAAACAGAT
 CTCCAATAAAGACATGGATTGAGAAGAGAAGGAAATTGTGGTTGGGTTGCCAAGAAG
 AGAAGCTTGTCTGTGGGCTGACTAAACGCACCACCTCTGCTGATGTCATCCAGGCTTTC
 TTGAGGAACATGAGGCTACGTTTGGAGAGAAACGATTTCTTCTGGGGAAGCCAGTGATT
 ACTGCATCATAGAGAAGTGGAGAGGCTCCGAAAGGGTTCTTCTCCACTAACTAGAATCC
 TGAAGCTTTGAAAGCGTGGGGAGATGAGCAGCCCAATATGCAATTTGTTTTGTTAAAG
 CAGATGCTTTTCTCCAGTTCCTTTGTGGCGGACAGCTGAAGCCAAATTAGTGCAAAAACA
 CAGAAAAATTGTGGGAGCTCAGCCAGCAAACACTACATGAAGACTTTACCACCAGATAAAC
 AAAAAAGAATAGTCAGGAAAACCTTCCGGAACTGGCTAAAATTAAGCAGGACACAGTTT
 CTCATGATCGAGATAATATGGAGACATTAGTTCATCTGATCATTCCCAGGACCATACTA
 TTCATCAGCAAGTCAAGAGAATGAAAGAGCTGGATCTGGAAATTGAAAAGTGTGAAGCTA
 AGTTCCATCTTGATCGAGTAGAAAAATGATGGAGAAAACACTATGTTCCAGGATGCATATTTAA
 TGCCACAGTTTCAGTGAAGTTGAGCAAAATCTAGACTTGCAGTATGAGGAAAACAGACTC
 TGGAGGACCTGAGCGAAAGTGATGGAATTGAACAGCTGGAAGAAGCAGCTGAAATATTACC
 GAATACTCATTGATAAGCTCTCTGCTGAAATAGAAAAAGAGGTAAAAAGTGTTCGATTG
 ATATAAATGAAGATGCGGAAGGGGAAGCTGCAAGTGAAGTGGAAAGCTCTAATTTAGAGA
 GTGTTAAGTGTGATTTGGAGAAAAGCATGAAAGCTGGTTTGAAAATTCACCTCATTTTGA
 GTGGCATCCAGAAAGAGATTAATAACAGTACTCATTGCTTCAGATGAAAGCAAAAAGAAAT
 ATGAACCTCGGCAAGGAATCAATTCACCTCACATTAGCAACAAGATGGGTGCCAGT
 TAAAGGAAAACAGAGCGAAGGAATCTGAGGTTCCAGTAGCAATGGGGAGATTCTCCCT
 TTAAGCAAGAGTATTTAGCAATTACACAAATGACACAGACTCGGACACTGGTATCAGTT
 CTAACCACAGTCAAGACTCCGAAACAACAGTAGGAGATGTGGTGTGTTGTCAACATAGT
 TCCAATGGCTCCTTTCTGACCTGCTTTTCATGTTTTAATGTTTGTAAATTAATAGGAAA
 CCTCATTTTAAATATAACACTCAAAAAATGTAATCATATTGTAGTATTCAATAGTTAA
 TAAAAACTCGAGAAATGTGTTGTTCTGAAAAAAAAAAAAAAAAAAAA

5' Read Nucleotide Sequence: >OriGene 5' read for NM_005447 unedited
 NGTCGGATTTGTATACGACTCATATGGGCGGCCGCGNATTCAGATCTGGTACCGGTCCGG
 AATTTCCGGGATGAAAGCCAGGAACATCCGAGGAGAAGAGAAAGCTTCCAGCCCTCCTCC
 CTTACCCCTGAAATCCAGACACCCCCACCCACCCCTCAGATCACTTTAAGATAATTTCT
 TTTATTCGTTTGGCCGACAGACCATGGCTCCCTTTGGAAGAACTTGCTAAAGACTCGGC
 ATAAAAACAGATCTCAACTAAAGACATGGATTGAGAAGAGAAGGAAATTGTGGTTTGGG
 TTTGCCAAGAAGAGAAGCTTGTCTGTGGGCTGACTAAACGCACCACCTCTGCTGATGTCA
 TCCAGGCTTTGCTTGGGAACATGAGGCTACGTTTGGAGAGAAACGATTTCTTCTGGGGA
 AGCCAGTGATTACTGCATCATAGAGAAGTGGAGAGGCTCCGAAAGGGTTCTTCTCCAC
 TAACTAGAATCCTGAAGCTTTGGAAGCGTGGGGAGATGAGCAGCCCAATATGCAATTTG
 TTTTGGTTAAAGCAGATGCTTTTCTCCAGTTCCTTTGTGGCGGACAGCTGAAGCCAAAT
 TAGTGCAAAACACAGAAAAATTGTGGGAGCTCAGCCAGCAAACACTACATGAAGACTTTAC
 CACCAGATAAACAAAAAAGAATAGTCAGGAAAACCTTCCGGAACTGGCTAAAATTAAGC
 AGGACACAGTTTCTCATGATCGAGAAATATGGAGACATTAGTTCATCTGATCATTCCCA
 GGACCATACTATTATCAGCAAGTCAAGAGAATGAAAGAGCTGGATCTGGNAATTGAAA
 GTGTGAAGCTAAGTTCCCATCTTGATCGAGTAGAAAAATGATGGGAGNAACTATGTTTCAG
 GATGCATATTTAATGCCAGTTTCAGTGAAGTGAGCAAAAC

Restriction Sites: Please inquire

ACCN: NM_005447

Insert Size: 1605 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:	NM_005447.2 , NP_005438.1
RefSeq Size:	1574 bp
RefSeq ORF:	1308 bp
Locus ID:	9182
UniProt ID:	O75901
Cytogenetics:	12q21.31
Gene Summary:	The protein encoded by this gene localizes to perinuclear endosomes. This protein associates with peptidylglycine alpha-amidating monooxygenase, and may be involved with the trafficking of this enzyme through secretory or endosomal pathways. [provided by RefSeq, Jul 2008]