

Product datasheet for **SC210542**

PCMT1 (NM_005389) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones

Symbol: PCMT1

Synonyms: PIMT

Mammalian Cell Neomycin

Selection:

Vector: pMirTarget (PSI00062)

ACCN: NM_005389

Insert Size: 890 bp

Insert Sequence: >SC210542 3'UTR clone of NM_005389
The sequence shown below is from the reference sequence of NM_005389. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC
AAAGAAAAGCAGTGGTCCAGGTGGAAGTATTTATCTTCTGCTCTTTCTTCTCCACACATGCAAGGG
ATGAATTGTAAAGCAACATCAGCTTGACCAGTATAAAATTACAGTGGATTGCTCATCTCAGTCCTCAA
AGCTTTTGGAAAACCAACCATCACAGCTTGTGGACTTTGTTACTGTTATTTTTCAGCATGAAA
ATGTGTGTTTTTTAGGGTTTCTGATTCTTCAAAGAGGCACAGAGCCAATTGGTAGAGGAAGGATGCA
AAGTATAAATTTGTGAATATTACTTTAACATGCCCATATTTTACTTGGAATATTAAGAAAGAGGGTT
CTGTAAATGGAAACTTAGTTTGTGAATTGATTTGAGGAGTGGTTTTCTTTCTTGGAACCTTAAT
TCTGTTCTGATATTAATTTATCAGATTGCTTTTGTGATTGGATAACACCACCATTCACAAGTTAAGAT
TCTTGGTATTTGGATATCTGTTAGATGCTACTAAGAAAATAGAGATGAGCTTTCTTTTAAAGCTTTTG
ATGTGGTGTATAGATAGCATGTTGTAGATACAATCAGCTGCTTTGTTACCTTAAACTAGGCATTTG
TAAATATTAACCATAGATGGCAGGTGATGCTGTAAACACTCAGCTGTTTCAAGATTGGACATAACTG
ACTTAGTCTTCCCTTCTCTCTCTCAAAATTATAGGAGACTTGTAGTTTAGTGTGGTTTTCTGTTTC
TAATTTGCTGCTGATAATGTATATGAACCTTAACATGCTGTGTGAAGCTGTGCTCCTAGTTCTTGAACAGTT
TATGCAGTGTGCTTTGCCAAATAAAGTTAAAGTAAAGAGGCAAAAAAAAAAAAAAAAAAAAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI



OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_005389.2</u>
Summary:	This gene encodes a member of the type II class of protein carboxyl methyltransferase enzymes. The encoded enzyme plays a role in protein repair by recognizing and converting D-aspartyl and L-isoaspartyl residues resulting from spontaneous deamidation back to the normal L-aspartyl form. The encoded protein may play a protective role in the pathogenesis of Alzheimer's disease, and single nucleotide polymorphisms in this gene have been associated with spina bifida and premature ovarian failure. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Oct 2011]
Locus ID:	5110
MW:	35.1