

Product datasheet for **SC208107**

PDE1C (NM_005020) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	PDE1C (NM_005020) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	PDE1C
Synonyms:	cam-PDE 1C; DFNA74; hCam-3; Hcam3
ACCN:	NM_005020
Insert Size:	2000 bp



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Insert Sequence: >SC208107 3'UTR clone of NM_005020
 The sequence shown below is from the reference sequence of NM_005020. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TCAAAGAAAACAGATGATTACACAAGAGTAAAAAGACCTCATAGACAATAAAAGAGGCTGCCAGTGTCT
TGCATCATTCTAGCTGAGCTTCTCATTCTCCTTCTCCTTCTCCACAAAGACCCATATCTGGAGA
AGGTGTACAACCTTCAAACACAAGCCCCCACCCTGACCCTTGGCCTTCCCTCACACCATCTCCTTC
CAGGGGATGAATCTTTGGGGGTTGGTTTGGAGTCTAGAACTCTGGGGGATATCCCTGAGCAAAAACA
AACACGTGAGATTTTACTCAAACAGAAAACAAAACATGAAGGGGCATCCTCAAATCCTTTGCTAATG
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AAAAAGCCACACACAGTAATTGCCATTTATGACTGTCAATGCCGTTACTTTAAATGTTGTCATTTT
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TTCTTTCTGAGTCAGGAACATTTGTTTTCTCCAATTTCTTTTCAAGACTTAAAAATTGTTCTTATGCTT
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CTTCCCAAGAGTGAAGCAGATGAATATGCTGATGATGAAGTGGGATTAGTAATAGAAAGAGAGCTAGG
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TTAGATTTTCTGTTGTGCTCCCTGTGTTTATAACAATGACCTCACCACATAATGTGGCCAGAAATTCA
AATGACTTCAGGGCCTAGCAGGTCAAGTAAATGAATAAAGCAAGCCATGTAATATCACAGTCATTGTG
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AACTTACAAACACTGTGCTAATCAAATGAAACATGCCTGTGAGCTGCATTCAATCCATGGGGCATTGG
TTTGCAAGCTATGTTCTTAGAGGTGGTATGATTTTGTATTGAAATTAATATAACCAAGAGTATGTCA
ACGCGTAAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: Sgfl-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.

RefSeq: [NM_005020.5](#)

Summary:

This gene encodes an enzyme that belongs to the 3'5'-cyclic nucleotide phosphodiesterase family. Members of this family catalyze hydrolysis of the cyclic nucleotides, cyclic adenosine monophosphate and cyclic guanosine monophosphate, to the corresponding nucleoside 5'-monophosphates. The enzyme encoded by this gene regulates proliferation and migration of vascular smooth muscle cells, and neointimal hyperplasia. This enzyme also plays a role in pathological vascular remodeling by regulating the stability of growth factor receptors, such as PDGF-receptor-beta. [provided by RefSeq, Jul 2016]

Locus ID:

5137

MW:

77.7