

## Product datasheet for **SC208786**

### **PDE3A (NM\_000921) Human 3' UTR Clone**

#### **Product data:**

Product Type:	3' UTR Clones
Product Name:	PDE3A (NM_000921) Human 3' UTR Clone
Symbol:	PDE3A
Synonyms:	CGI-PDE; CGI-PDE-A; CGI-PDE A; HTNB
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_000921
Insert Size:	2000 bp



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**Insert Sequence:** >SC208786 3'UTR clone of NM\_000921  
 The sequence shown below is from the reference sequence of NM\_000921. 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
GAGATACCAACCCAAAAGCCAGACCAGTGAACAATGGATAGAATGGGCTGTGTTTCCAACAGATTGACT
TGTCAAAGACTCTCTTCAAGCCAGCACAAACATTTAGACACAACACTGTAGAAATTTGAGATGGGCAAAAT
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TTTTTGCTCAAAGAAGCTTTACATTGCAACACCAGCTTCTAAGGATTTTTTAAGGAGGGAATATATAT
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AGTGCAGGAAATGTAGGTTACCAACTAAGCAGCTTTTGTCTTAGTACTGAGGGATGAAAGTTCCAGAG
CATTATTTGAATTCTGATACATCCTGCCAACACTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTG
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TATTATTATATATGTCATGATAGTTATCTTGATGTAATATGAAGATTTTTTGTGTTCTGTAGATAGTA
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ATTGTAGTTCTCTCCAAGCCAGTAAGAGAATGATGATTCATTTGCATGGAGGTCGATGGACAACCAAT
CATCTACCTTTTCTAATTTAAATGATAATCTGATATAGTTTTATTGCCAGTTAAATGAGGATGCTGCAA
AGCATGTTTTTCACTAGTAACCTTTGCTAACTGAATGAATCTGGGTCCATATCTCCAGATGAAAAA
CTGTTAACCAATACCATATTTATAGTTGGTGTCCATTTCTTCCAACACTGTTTGTATGATTCTTC
ACGCGT AAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
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.

**RefSeq:** [NM\\_000921.5](#)

**Summary:**

This gene encodes a member of the cGMP-inhibited cyclic nucleotide phosphodiesterase (cGI-PDE) family. cGI-PDE enzymes hydrolyze both cAMP and cGMP, and play critical roles in many cellular processes by regulating the amplitude and duration of intracellular cyclic nucleotide signals. The encoded protein mediates platelet aggregation and also plays important roles in cardiovascular function by regulating vascular smooth muscle contraction and relaxation. Inhibitors of the encoded protein may be effective in treating congestive heart failure. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Sep 2011]

**Locus ID:**

5139

**MW:**

77.9