

Product datasheet for SC213509

PDE2A (NM_002599) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: PDE2A (NM_002599) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: PDE2A
Synonyms: CGS-PDE; cGSPDE; PDE2A1; PED2A4
ACCN: NM_002599
Insert Size: 1273 bp
Insert Sequence: >SC213509 3'UTR clone of NM_002599
 The sequence shown below is from the reference sequence of NM_002599. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AATGGCTGCTGCAGCCTTGATGCTGAGTATCCCTCCAGGGACACTTCCCTGCCAGGCCACCTCCCA
CAGCCCTCCACTGGTCTGGCCAGATGCACTGGGAACAGAGCCACGGGTCTGGTCTAGACCAGGACT
TCTGTGTGACCCCTGGACAAGTACTACCTTCTGGCCTCAGCTTCTCGTCTGTATAATGGAAGCAAG
ACTTCCAACCTCACGGAGACTTTGTAATTTGTTTTCTGAGAGCACAGGGGTGACCAATGAGCAGTGGGC
CCTACTCTGCACCTCTGACCACACCTTGGCAAGTCTTCCCAAGCCATTCTTTGTCTGAGCAGCTTGAT
GGTTTCTCCTTGGCCATTTCTGCCACCAGATCTTTGCTCCTTCCCTTTGAGGACTCCACCCTTT
GGGGTCTCCAGGATCCTCATGGAAGGGGAAGGTGAGACATCTGAGTGAGCAGAGTGTGGCATCTGGAA
ACAGTCTTAGTTCTGTGGGAGGACTAGAAACAGCCGCGGGCGAAGGCCCTGAGGACCACTACTAT
ACTGATGGTGGGATTGGGACCTGGGGATACAGGGGCCAGGAAGAAGCTGCCAGAGGGGAGCTCAG
TGCTCTGCAGAGAGGGCCCTGGGGAGAAGCAGGATGGGATTGATGGGCAGGAGGATCCCCGACTGG
GAGACAGGCCAGGTATGAATGAGCCAGCCATGCTTCTCCTGCCTGTGTGACGCTGGGCGAGTCTCTT
CCCTGTCTGGGCAACAGGGAGCGGGTAAGACAATCCATGCTCTAAGATCCATTTTAGATCAATGTC
TAAATAGCTCTATCGCTCTGCGGAGTCCAGCAGAGGCTATGGAATGTTTCTGCAACCCTAAGGCACA
GAGAGCCCAACCTGAGTGTCTCAGAGGCCCTGAGTGTTCCTTGGCCTGAGCCCTTACCCATTC
CTGCAGCCAGTGAGAGACCTGGCCTCAGCCCTGGCAGGGCTCTCTTCAAGGCCATATCCACCTGTGC
CCTGGGGCTTGGGAGACCCATAGGGCCGGGACTCTTGGGTGAGCCCGGCCACTGGCTTCTCTTTTT
CTCTGTTTCATTCTGTGTGCGTTGTGGGTGGGGAGGGGTCCACCTGCCTTACCTTTCTGAGTTGCC
TTTAGAGAGATGCGTTTTTCTAGGACTGTGCAACTGTGATATGTTCCCGTGGGCTGACCGCTTGG
TACATGAGAATAAATCTATTTCTTTCTACCA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAAGAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
```

Restriction Sites: Sgfl-Mlul



[View online »](#)

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:	<u>NM_002599.5</u>
Summary:	Cyclic nucleotide phosphodiesterase with a dual-specificity for the second messengers cAMP and cGMP, which are key regulators of many important physiological processes. Plays an important role in growth and invasion of malignant melanoma cells (e.g. pseudomyxoma peritonei (PMP) cell line) (PubMed:24705027).[UniProtKB/Swiss-Prot Function]
Locus ID:	5138
MW:	45.3