

Product datasheet for **SC203216**

PDE9A (NM_001001578) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	PDE9A (NM_001001578) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	PDE9A
Synonyms:	HSPDE9A2
ACCN:	NM_001001578
Insert Size:	246 bp
Insert Sequence:	>SC203216 3'UTR clone of NM_001001578 The sequence shown below is from the reference sequence of NM_001001578. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC GTGAAAAACAGTGAAGGAGACTGTGCC TGA GGAAAGCGGGGGCGTGGCTGCAGTTCTGGACGGGCTGG CCGAGCTGCGCGGGATCCTTGTGCAGGGAAGAGCTGCCCTGGGCACCTGGCACCACAAGACCATGTTTT CTAAGAACCATTTTGTCTACTGATACAAAAAAAAAAAAAGGAATTCATGATGCTGTACAGAATTTTATT TTTAAACTGTCTTTTAAATAATATATTCTTATACGGAAA ACGCGT AAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
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:	<u>NM_001001578.2</u>



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Summary: The protein encoded by this gene catalyzes the hydrolysis of cAMP and cGMP to their corresponding monophosphates. The encoded protein plays a role in signal transduction by regulating the intracellular concentration of these cyclic nucleotides. Multiple transcript variants encoding several different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

Locus ID: 5152

MW: 9.4