

## Product datasheet for **SC203217**

### **PDE9A (NM\_001001575) Human 3' UTR Clone**

#### **Product data:**

<b>Product Type:</b>	3' UTR Clones
<b>Product Name:</b>	PDE9A (NM_001001575) Human 3' UTR Clone
<b>Vector:</b>	pMirTarget (PS100062)
<b>Symbol:</b>	PDE9A
<b>Synonyms:</b>	HSPDE9A2
<b>ACCN:</b>	NM_001001575
<b>Insert Size:</b>	246 bp
<b>Insert Sequence:</b>	>SC203217 3'UTR clone of NM_001001575 The sequence shown below is from the reference sequence of NM_001001575. The complete sequence of this clone may contain minor differences, such as SNPs. <b>Blue</b> =Stop Codon <b>Red</b> =Cloning site  GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC GTGAAAAACAGTGAAGGAGACTGTGCC <b>TGA</b> GGAAAGCGGGGGCGTGGCTGCAGTTCTGGACGGGCTGG CCGAGCTGCGCGGGATCCTTGTGCAGGGAAGAGCTGCCCTGGGCACCTGGCACCAAGACCATGTTTT CTAAGAACCATTTTGTCTACTGATACAAAAAAAAAAAAAGGAATTCATGATGCTGTACAGAATTTTATT TTTAAACTGTCTTTTAAATAATATATTCTTATACGGAAA <b>ACGCGT</b> AAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
<b>Restriction Sites:</b>	SgfI-MluI
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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.
<b>RefSeq:</b>	<u><a href="#">NM_001001575.2</a></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