

Product datasheet for SC203217

PDE9A (NM_001001575) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	PDE9A (NM_001001575) Human 3' UTR Clone
Symbol:	PDE9A
Synonyms:	HSPDE9A2
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001001575
Insert Size:	246 bp
Insert Sequence:	<p>>SC203217 3'UTR clone of NM_001001575</p> <p>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.</p> <p>Blue=Stop Codon Red=Cloning site</p> <pre> GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAACGATCGCC GTGAAAAACAGTGAAGGAGACTGTGCCAGGAAAGCGGGGGCGTGGCTGCAGTTCTGGACGGGCTGG CCGAGCTGCGCGGGATCCTTGTGCAGGGAAGAGCTGCCCTGGGCACCTGGCACCACAAGACCATGTTTT CTAAGAACCATTTTGTCTACTGATACAAAAAAAAAAGGAATTCATGATGCTGTACAGAATTTTATT TTTAAACTGTCTTTTAAATAATATATTCTTATACGGAAA ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG </pre>
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_001001575.2</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