

Product datasheet for **SC213479**

PDE8A (NM_173454) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: PDE8A (NM_173454) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: PDE8A
Synonyms: HsT19550
ACCN: NM_173454
Insert Size: 1282 bp
Insert Sequence: >SC213479 3'UTR clone of NM_173454
 The sequence shown below is from the reference sequence of NM_173454. 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
CTGCGGAACCTCCGACCACCTCCTGAAATAGTGGGAGACACCACCCAGAGCCCTGAAGCTTTGTTCCTTC
GGTCATTTGGAATTCCTGAGGGCAGCCAGAGCTCCTTGGTCCTTTCACTACTAGGCAGAACAGCCCCCG
ATCTGCATAGCCTGTGAAAGCCACGGGACATCAGTAACCTTCTGCAGCCACCATCCAATGCCATTAC
TGCAAGTGAGACTTGGCCACTGTAGCCTGGGCTGCTGCAGGAGCTCTTCAGAAAGGCACATGAGGAC
CACGGTTTGCCTCAGTTTCTGGTAAAACACAAGGTCTGGAGTGCCCTGCAAAGGGTATTGATGGACTT
CCTGCCAGTGACAGAGCATGTCTATTGCAAACAATTCTCTCAGTTACGTTACGACTTAAGAACGGCTA
ATGGCAATAGGATCTTTAGCAACTTTTTACATCATAGAAGGTGCAATCGCTCAGTTGGGAACACTACT
GAGAGTGACTTCTCTTTAAAAATGAGTAGCAGATGAAAAATTTAAATTTGAACTTGATTATTAATATC
AATTTAAATGTTTTATTTATTTTATTTAAAAGCTCAATATTTTCTATGAATTTAAAAATACTTCAGAGCC
AAAGCCAACCTCAAATACCGTGACCAAATTTACATGATTCAATTCATTATGCATTACTTGGTATACAG
ACTTATTTTCATAATGCAAATTAATAAAATGACTTTTTACTGCACTATAGAAATATTCATGTATGTTA
AACTTTTCTGATTGAGGCTAACTGGAAAAAGCTGGGGTCTGATTCTAAGTGCTAAAGAAGGCTGCTTCT
ACTGTATAGAACCAGGGCTCTGAAACAGCTCTAGCCGCCTAATGCACCTCACAGGTAACCTCCCAAGG
TAAACTAGACTCTTTGTTGGTTCGCAAAGAAAAGTTAGGACTTAACACTTTTTTCTAAAAATTTATA
ATTCATTTCCAAAAGTCTACTCTATTTTATACTGTTTCTACAAAATATTCCTTATAAAAACAAAGAAC
AAAAATGAATATTTAATGAATTGACATTTTATAACCAACCTGTTTTATCTACGGTGGGAATCTTTGA
TGCCAGAAATTTATAAGAGGTTCTGTATCTTCACACCTTGAATAAGCATAATACCATAAAAAATGACA
CTTGACATGTCAATGTATTTGTCAATTTCAATTTAACTCGTATTTGTGGTTTTTTCCAGATAAAAAAT
GAAATTAACCATTTCTTTTTAAGAAAAAATAAAAAA
ACGCGTAAAGCGCCGCGCATCTAGATTGAAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
  
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Restriction Sites: Sgfl-Mlul



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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_173454.1</u>
Summary:	The protein encoded by this gene belongs to the cyclic nucleotide phosphodiesterase (PDE) family, and PDE8 subfamily. This PDE hydrolyzes the second messenger, cAMP, which is a regulator and mediator of a number of cellular responses to extracellular signals. Thus, by regulating the cellular concentration of cAMP, this protein plays a key role in many important physiological processes. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Jul 2011]
Locus ID:	5151
MW:	49.5