

Product datasheet for **SC213480**

PDE8A (NM_002605) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: PDE8A (NM_002605) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: PDE8A
Synonyms: HsT19550
ACCN: NM_002605
Insert Size: 1269 bp
Insert Sequence: >SC213480 3'UTR clone of NM_002605
 The sequence shown below is from the reference sequence of NM_002605. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

```

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CTGCGGAACCTCCGACCACCTCCTGAAATAGTGGGAGACACCACCCAGAGCCCTGAAGCTTTGTTCCTTC
GGTCATTTGGAATTCCTGAGGGCAGCCAGAGCTCCTTGGTCCTTTCACTACTAGGCAGAACAGCCCCCG
ATCTGCATAGCCTGTGAAAGCCACGGGACATCAGTAACCTTCTGCAGCCACCATCCAATGCCATTAC
TGTC AAGTGAGACTTGGCCACTGTAGCCTGGCCCTGCTGCAGGAGCTCTTCAGAAAGGCACATGAGGAC
CACGGTTTGCCTCAGTTTCTGGTAAAACACAAGGTCTGGAGTGCCCTGCAAAGGGTATTGATGGACTT
CCTGCCAGTGACAGAGCATGTCTATTGCAAACAATTCTCTCAGTTACGTTTACGACTTAAGAACGGCTA
ATGGCAATAGGATCTTTAGCAACTTTTTACATCATAGAAGGTGCAATCGCTCATTGGGAACACTACT
GAGAGTGACTTCTCTTTAAAAATGAGTAGCAGATGAAAAATTTAAATTTGAACTTGATTATTAATATC
AATTTAAATGTTTTATTTATTTTATTTAAAAGCTCAATATTTTCTATGAATTTAAAAATACTTCAGAGCC
AAAGCCAACCTCAAATACCGTGACCAAATTTACATGATTCAATTCATTATGCATTACTTGGTATACAG
ACTTATTTTCATAATGCAAATTAATAAAATGACTTTTTACTGCACTATAGAAATATTCATGTATGTTA
AACTTTTCTGATTGAGGCTAACTGGAAAAGCTGGGGTCTGATTCTAAGTGCTAAAGAAGGCTGCTTCT
ACTGTATAGAACCAGGGCTCTGAAACAGCTCTAGCCGCCTAATGCACCTCACAGGTAACCCCCAAGG
TAAACTAGACTCTTTGTTGGTTCGCAAAGAAAAGTTAGGACTTAACACTTTTTTCTAAAAATTTATA
ATTCAATTTCAAAGTCTACTCTATTTTATACTGTTTCTACAAAATATTCCTTATAAAAACAAAGAAC
AAAAATGAATATTTAATGAATTGACATTTTATAACCAACCTGTTTTATCTACGGTGGGAATCTTTGA
TGCCAGAAATTTATAAGAGGTTCTGTATCTTCACACCTTGAATAAGCATAATACCATAAAAAATGACA
CTTGACATGTCAATGTATTTGTCAATTTCAATTTAAACTCGTATTTGTGGTTTTTTCCAGATAAAAAAT
GAAATTAACCATTTCTTTTTAAGAAA
ACGCGTAAAGCGGCCGCGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
```

Restriction Sites: SgfI-MluI



[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_002605.3</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