

Product datasheet for **SC210607**

PDE8B (NM_001029852) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	PDE8B (NM_001029852) Human 3' UTR Clone
Symbol:	PDE8B
Synonyms:	ADSD; PPNAD3
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001029852
Insert Size:	1732 bp



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Insert Sequence: >SC210607 3'UTR clone of NM_001029852
 The sequence shown below is from the reference sequence of NM_001029852. 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
AAAAGTTTGAGGCTTCCATCTGACAGCTAAAGCCAAGCCACAGAGGGGCCTCTTGACCGACAAAGGAC
ACTGTGAATCACAGTAGCGTAAACGAGAGGCCTTCTTTCTAATGACAATGACAGGTATTGGTGAAGGA
GCTAATGTTAATATTTGACCTTGAATCATTCAAGTCCCAAAATTTATTCTTAGAAAAGTTATGTTCCA
TGAAGAAAAATATATGTTCTTTTGAATACTTAATGACAGAACAAATACTTGGCAAACCTTTGCTCTG
CTGTATCCTGTGTACCCTTGTCAATCCATGGAGCTGGTTCAGTAACTAGCAGGCCACAGGAAGCAA
AGCCTTGGTGCCTGTGAGCTCATCTCCAGGATGGTGACTAAGTAGCTTAGCTAGTGATCAGCTCATCC
TTTACCATAAAAAGTCATCATTGCTGTTTAGCTTACTGTTTTCTCAAGAATCATGATCTGAAGGATTC
ATAAGGAGCTTATCTGAACAGATTTATCTAAGAAAAAAGACATAAAATAAGTGAACAACATA
GGACCAAATTACAGATAAACTAGTTAGCTTACAGCCTCTATGGCTACATGGTCTTCTGGCCGATGGT
ATGACACCTAAGTTAGAACACAGCCTTGGCTGGTGGGTGCCCTCTCTAGACTGGTATCAGCAGCCTGTG
TAACCCCTTCTGTAAAAGGGTTCATCTTAACAAAGTCATCCATGATGAGGGAAAAAGTGGCATTTC
ATTTTTGGGGAATCCATGAGCTTCTTTATTTCTGGCTCACAGAGGCAGCCACGAGGCACTACACCAAG
TATTATATAAAAGCCATTAATTTGAATGCCCTTGGACAAGCTTTTCTTAAAAAAGTT
TATATACATGTTAAAAATTTTATTAATAATCCAAATTTCTGGGTGTAAGCCATGCAGTATGTTGTGC
CATGCACCATCTATACGTAATATTTGGGAGGGGATAGGGGAAGTTTCAAGGTTTCAAGATTTTTAACC
AGTCTATATTTGAAATCATGCCATTAGCTTTAACAATGTTAAATTTGTGGTGAATATATACAGAAA
ATAGGCATATGGGAGGCAGTAAATACTATTTTAAAGCTATTAATTTGTATGCTAAAAGCTTCTAAAGCAC
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CCTTTCTCTTTTACCAGCTGATCCTTCTATGTATTATAAATATTAGACTCCGTAACAAACTTCATTT
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GTAATTACTTTTTTCCAATACAAATTTGAATGCAGAATACTTGGAACTTGTACATGGGGAAAAATGAC
TTATCACTACATAATGTGCAATGTTTTTTCTATGTTTTGTACCAAAAATGGAAAAATATGACAATTC
CATGCAAGAAAATGTATCTAAATATTTTTGTTAGATGATAAGAGAACTTGGTGGTCAGGACAGCAGC
CAGCTTTGTATTGTAATGCTATATTATGTAATGTGATGAAAATGTTTTTGTGAAGTACTTGTAACTAA
ATTCTACAGCCATTTTCACTCCAACAGCTGTTTTTATTTTACCTCTTGGCCTAAAGTTTTTCATAA
TTTCAA
ACGCGTAAGCGGCCGCGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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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: [NM_001029852.4](#)

Summary: The protein encoded by this gene is a cyclic nucleotide phosphodiesterase (PDE) that catalyzes the hydrolysis of the second messenger cAMP. The encoded protein, which does not hydrolyze cGMP, is resistant to several PDE inhibitors. Defects in this gene are a cause of autosomal dominant striatal degeneration (ADSD). Several transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Jul 2010]

Locus ID: 8622

MW: 66.2