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Product datasheet for SC207196

PDE6D (NM_002601) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones

Product Name: PDE6D (NM_002601) Human 3' UTR Clone

Vector: pMirTarget (PS100062)

Symbol: PDE6D

Synonyms: JBTS22; PDED

ACCN: NM_002601

Insert Size: 549 bp

Insert Sequence:

>SC207196 3'UTR clone of NM_002601
The sequence shown below is from the reference sequence of NM_002601. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
ACATCCAGAGTGAGACTTTTCTATGTTTGAAAGAAGAATGTGTGTACATTTCAAGAATTTGGGTTTTTT
GGAGGGAGGAGGAAACTGTTTACTTTTTTCCTCCACACGTTTGATTTTTGACACATACACCCCTAATTC
CCTCAACAGCAGAACCTACCTGCAGCCACCAGGGGACCAGCTCTGTGTAGGTAACCAGATGGCTCTTTT
TCCCAAGCCACCATCTTCCAGCTGACCAGACTAAACTCCCAACCCCAGACCAGGGCAGGGGACAGGTCT
CAAGTCCTTCCCAGCATACACACAGGGAACAAACACATACCACAAACCGGTAACTGTACCTGTCACCCT
CCTTGTCTCCTCCTTGGGCCCTACAGGCTACACATCTACCTTTGGCCCCTGGTTTTGGAAAAATTCCGT
GTTCCTGACCCATGTTTAGTTTTTTCCTACCATTTCTATTTCATACATTCTCATACATTTAACTTGTAA
AATAGACTGTGATATTATTACATAATGTAATTAAAAATATGAATTAAAATATTCCTACAGTCTTTA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG

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_002601.4

View online »

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Summary: This gene encodes the delta subunit of rod-specific photoreceptor phosphodiesterase (PDE), a key enzyme in the phototransduction cascade. A similar protein in cow functions in solubilizing membrane-bound PDE. In addition to its role in the PDE complex, the encoded protein is thought to bind to prenyl groups of proteins to target them to subcellular organelles called cilia. Mutations in this gene are associated with Joubert syndrome-22. Alternative splicing results in multiple splice variants. [provided by RefSeq, Mar 2014]

Locus ID: 5147

MW: 21.5

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