

Product datasheet for **SC122825**

DPCD (NM_015448) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DPCD (NM_015448) Human Untagged Clone
Tag:	Tag Free
Symbol:	DPCD
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_015448 edited

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GCTGGCGTGCTGCTTAGCAGGGGAAAGATGGCGGTGACGGGCTGGTTGGAGAGTCTGCG
GACAGCCCAGAAGACTGCGCTGCTGCAGGACGGGAGAAGGAAGGTTCACTATTTATTCCC
AGACGGCAAGGAAATGGCTGAAGAATATGACGAGAAGACGAGTGAACACTTGTGAGAAA
GTGGCGTGTGAAAAGTGCCCTGGGAGCCATGGGCCAGTGGCAGCTTGAAGTAGGAGACCC
AGCGCCCTTAGGAGCAGGGAACCTGGGGCTGAACTCATCAAGGAAAGCAATGCCAATCC
TATCTTCATGCGCAAGGACACCAAGATGAGTTTCCAGTGGCGGATTGAAACCTCCCTA
TCCTAAGGATGCTATAGTGTCTCTGTGGACCAGAAGGAGCGCTGCATCATTGTCAGAAC
AACCAACAAGAAGTACTACAAGAAGTTCTCCATTCTGATCTAGATAGACACCAGCTACC
TCTGGATGACGCTTGTGAGCTTTGCCACGCCAACTGCACCCTGATCATCTCTTACCA
GAAGCCAAAGGAGTTGTGGTGGCCGAGTCTGAGCTACAGAAGGAAGTAAAGAAGGTGAA
GACAGCCACAGCAACGATGGGGACTGCAAGACCCAGTAGTTGGCCCTGAGCCTTATAC
CTCCACCACAGGGGTGCCGTGAGACTTCAAGGCTTGGCCCTTCTTGACCACGGCAGCCT
CCTGTCTTCTAGGAGCTATCAAGGCTCTCTAAGAACTGGGCATGGGGCACTCCTAGCCAG
TGAGTCATGGTCATATTTCTGAGTAAAGTCATTCTGAGTAAAAAAAAAAAAAAAAAAAA
AAAAAA
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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_015448 unedited <pre> NGGGGTTTGATTGTAATACGACTCATCTATAGGGCGGCCGCGATTCCCGGGATGCTG GGCGTGCTGCTTAGCAGGGAAAGAGGCGGTGACGGGCTGGTTGGAGAGTCTGCGGACAGC CCAGAAGACTGCGCTGCTGCAGGACGGGAGAAGGAAGGTTCACTATTTATCCAGACGG CAAGGAAATGGCTGAAGAATATGACGAGAAGACGAGTGAAGTACTTGTGAGAAAGTGGCG TGTGAAAAGTGCCCTGGGAGCCATGGGCCAGTGGCAGCTTGAAGTAGGAGACCCAGCGCC CCTAGGAGCAGGGAACCTGGGGCCTGAAGTCAAGGAAAGCAATGCCAATCCTATCTT CATGCGCAAGGACACCAAGATGAGTTTCCAGTGGCGGATTGAAACCTCCCTATCCTAA GGATGTCTATAGTGTCTGTGGACCAGAAGGAGCGCTGCATCATTGTCAGAACAACCA CAAGAAGTACTACAAGAAGTTCTCCATTCTGATCTAGATAGACACCAGTACCTCTGGA TGACGCCCTTGCTGAGCTTTGCCACGCCAACTGCACCCTGATCATCTTACCAGAAGCC AAAGGAGGTTGTGGTGGCCGAGTCTGAGCTACAGAAGGAAGTAAAGAAGGTGAAGACAGC CCACAGCAACGATGGGACTGCAAGACCCAGTAGTTGGCCCTGAGCCTTATACCTCCAC CACAGGGGGTGGCGTGAGACTTCAAGGCTTGGCCCTTCTTGACCACGGCAGCCTCCTGTC TTCTAGGAGCTATCAAGGCTCTCTAAGAACTGGGCATGGGGCACTCCTAGCCAGTGAGTC ATGGTCATATTTCTGAGTAAAGTCATTCTGAGTTAAAAAAAAAAAAAAAAAAAAAAAAA GGCGGCCGCGGTATAGCTGTT </pre>
Restriction Sites:	Please inquire
ACCN:	NM_015448
Insert Size:	846 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_015448.1</u> , <u>NP_056263.1</u>
RefSeq Size:	858 bp
RefSeq ORF:	612 bp
Locus ID:	25911
UniProt ID:	<u>Q9BVM2</u>
Cytogenetics:	10q24.32

Gene Summary:

This gene in mouse encodes a protein that may be involved in the generation and maintenance of ciliated cells. In mouse, expression of this gene increases during ciliated cell differentiation, and disruption of this gene has been linked to primary ciliary dyskinesia. [provided by RefSeq, Jul 2016]