

Product datasheet for **RN202271**

Pcdha8 (NM_053942) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pcdha8 (NM_053942) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pcdha8
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>RN202271 representing NM_053942

Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGTGTTTGCTCGGCGAGGAGTCCGGATTCCCGGCGTCTGCTGCTTTTCTTCTGCTGTTCTCAATCT
GGGAAGCTGGGAGCGGCCAGCTCCACTACTCCATCCCTGAGGAGGCCAAACACGGCACCTTCGTGGGCCG
CATTGCACAGGACCTGGGACTGGAGCTGGCGGAGCTGGTGCCCGCTCTATTACAGGTGGCGTCCAAGGAC
CGCGGAGACCTTCTGGAGGTAAATCTGCAGAATGGCATTGTTTGTGAATTCTCGGATCGACCGGGAGG
AGCTGTGCGGGAGGAGCGCGGAGTGTAGCGTCCACCTGGAGGTGATCGTGACAGGCCGCTGCAGGTTTT
CCACGTGGAGGTGGAGGTGAGGGACATTAACGACAACCCGCCGATTCCCCGTGAAAGAACAAAACTG
CATATTTCAGAATCCAGAATGCTAGACTCTAGGTTTCTGCTAGAGGGCGATTGATGCAGACATTGGAG
CCAATTCAGCTGTAACCTATAGGCTTGACTCTAATGATTACTTCACACTAATTGTGAGTTCAAAGAACGA
AGAAAGTAAACAGGTTGAGCTAGCTTTAAGAAAGTTGTTGGACAGAGAGGATGCTCCTGAGCATAAGCTA
CTGCTGACAGCCACGGATGGAGGCAAGCCTGAGCTCACAGGCTCGGTTACGCTGCTGGTCACTGTGCTGG
ATGTGAATGACAACGCCCTACTTTCCAACACCCTGAGTATGAAGTGAGAATCTTGGAAAACCTAGACAA
CGGAACGACAGTTATTAGACTGAATGCTTCTGACAGGGATGAAGGGACGAATTCAGCAATTTCTTACTCT
TTTAATAGGCTGGTGTGCGCCAGGATTCTTGACCAGTTTATGATAGATGCAGACACAGGAGAAATCGTAA
TTCAAGGGAATTTGACTTTGAGCAAGTAGATGTCTACAAAATCCGCGTTGACGCGACGGACAAAGGACA
CCCTCCGATGGCAGGCCATTGCACTGTTTTAGTGAGGGTATTGGATGAAAACGACAATGTGCCTCAGATC
ACCTTGACTTCCTTATCCCTGCCTGTTGAGAGGACGCTGCACTGGGTACTGTCTATTGCTCTAATTAGCG
TTTCTGATCTGGACTCTGGAGCCAATGGCGGGTGACCTGCTCCTTGACTCCGACGTCCTTCAAGCT
GGTGTCACCTTCAAGAATTACTATTGCTTGTGCTGGACAGCGCCCTGGACCGAGAGACCACAGCTGAC
TATCAGGTGGTGGTGACAGCGCGGGACGGGGTCCCCCTCTCTGTGTACACGGCCAGCGTGTCTGTGG
AGGTGGTGACGTGAACGACAATGCTCCTGCGTTCGCGCAGCCGAATACACGGTGTGTTGTGAAAGAGAA
CAACCCGCTGGAGCGCTATCTTACGGTGTGCGCAATGGATGAGGATGCACAAGAGAATGCGCTGGTG
TCTTACTCTCTAGTGGAGCGTAGGGTGGGGAGCGCTTGTGTCGAGCTATGTGCTGTGCACGCGGAGA
GCGGCAAGGTGTTGCACTGCAGCCTCTGGACCATGAGGAGCTGGAGCTGCTGCAGTTCCAGGTGAGCGC
GCGGGATGCTGGTGTGCTGCCCTGGGAGCAATGTGACTCTGCAGGTGTTTGTGCTGGATGAGAAGCAG
AATGCTCCATCCATTCTTTGGCTGGTACTGAAGGCTTGGTAGTGTGGCAACTGATCTGATACAGAGGT
CTGTGAGCGTGGGTGAGGTGGTCGAAAAGTGGCGCGGTGGACTCAGATTCTGGCTACAACGCATGGTT
GTCGTATGAACGCAACCCTCAGTGGGCCCTCGTAGCCCGTTTCGTGTTGGGCTGTACACGGGTGAGATC
AGTACAACACGTGCTCTTGATGAGTCTGACGCACCTAGGCAGCGTCTGTTGGTATTGGTGAAGACCATG
GTGAGCCAACCTGACTTCCACAGCTACCATCCTTGTGTCCTGGTTGAGAGTAGCCAGGCACAAAAGC
CTCTTCTCAGGCTTCTAGTCGTGCTTCACTCCAGAGGCTCGTGGTGGATATCAACGTGTATCTGATC
ATTGCCATCTGCGCAGTGTCCAGCCTGTTGGTGTCTACGCTGCTGCTGTATACAGCGTTGCGTGTCTGA
CGACGCCACCGATGGAGTCTGTGCTCCTGGGAAGCCCATGCTGGTGTGCTCTAGTGAGGTGGGAAGCTG
GTCCTACTCACAGCAGAGGCGGCAAGGGTGTGCTCCGAGAGGGCCACCTAAGACCGACCTCATGGCT
TTTAGTCCAGTCTTCCACCGCTCCAGTATCAGAGGTATTGGGGAAGGGCAAGATTTAAATGACCATC
ATGGCTTTCAACCCGACAGCCCAACCCTGACTGGCGCTACTCTGCCTCGCTAAGAGCCGGCATGCACAG
CTCTGTGCACCTGGAGGAGGCTGGCATTCTACGGGCTGGTCCAGGAGGGCCTGATCAACAGTGGCCAACA
GTATCCAGTGCAACACCAGAACCAGAGGAGGAGGTGTCCCTCCAGTGGGCGCTGGTGTCAACAGCA
ACAGCTGGACCTTTAAATACGACCCGGCAACCCCAAACAGCCCGGTCCCGGTGAGTTGCCAGACAAATT
CATTATCCAGGATCTCTGCAATCATCTCCATCCGGCAGGAGTCTGCTAACAACCAATTGACAAAAGC
GATTTTATAACCTTCGGCAAAAAGGAGGAGACCAAGAAAAAGAAAAAGAAAGGGAACAAGACCC
AGGAGAAAAAGAGAAAGGGAACAGCACGACGACAACAGTGACCAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-MluI

ACCN:	NM_053942
Insert Size:	2850 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_053942.1</u> , <u>NP_446394.1</u>
RefSeq Size:	5247 bp
RefSeq ORF:	2850 bp
Locus ID:	116781
Cytogenetics:	18p11
Gene Summary:	may play a role in cell-cell adhesion during spermatogenesis [RGD, Feb 2006]