

Product datasheet for **RN205603**

Pcdh8 (NM_022868) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pcdh8 (NM_022868) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pcdh8
Synonyms:	Arcadlin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN205603 representing NM_022868
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGTCCAGTGAAGCGCTGGGGCAGCCCTGCCTTTTCCCTTGCAGCTATTTAGTCTCTGCTGGGTGC
 TCTCAGTGGCCCAGAGCAAGACAGTCCGATACAGCACCTTCAAGAGGATGCCCTGGCAGCATCGG
 GACCCCTGCAGAGGATCTGCATATGAAAGTGTCTGGAGACACAAGCTTCCGCCTGATGAAGCAATCAAC
 AGCTCTCTGCTCCGGTACGCGAGGGGACGGCAGTACCCTCGGGATGCAGGCCTGGACGGGAGC
 GCCTGTGTGGCCAGTCCCACAGTGTGTCTGGCCTTCGATGTTGTACGCTTCTCGCAGGAACAGTTCCG
 GCTTGTGCACGTGGAGGTGGAGGTGAGGGATGTAACGACCACGCGCCCCGCTTTCCCGAGCCAGATC
 CCGGTGGAGGTCTCAGAGAGTCTCCGGTAGGCACGCGCATCCCCCTGGAGGTGCCTGTAGACGAGGACG
 TGGGTGCCAATGGGCTGCAGAGTGTACGCTGGCCGAGCCTCACAGCCCCCTCCGAGTGGAGCTGCAGAC
 GCGCGCGACGGTGCCAGTGTGCGGACCTGGTGTGCTACAGGAGCTGGACCGGAGAGCCAGGCTCC
 TACAGCCTGGAGCTGGTGGCTCAGGACGCGGGGACCGCCGCGTTCCGCCACAGCAGCCCTCAGCGTGC
 GTGTGCTAGATGCCAATGACCATAGCCCGCCTTCCCGCAGGGTGCCTGGCGGAGGTGGAATTGGCCGA
 GGACGCACCTGTGGGATCGCTGCTGTGGACCTGGACGCTGCCGATCCCGACGAAGGTCCCAACGGCGAC
 GTTGTGTTACCTTTGGCGCCCGCACCCCTCCCGAAGCCCGCCACCTTTTCCGGCTCGACCCACGCTCTG
 GCCGCCTCACCTTGGCTGGGAGGTGGACTACGAGCGCAAGATACCTATGAGCTGGACGTGCGGGCTCA
 AGACCGAGGCCAGGACCCCGGACGCCACCTGCAAGGTATCGTGCGCATCCGAGACGTCAACGACAAC
 CCTCTGATATTTCTATACCCCTCTGGCCGCCCGGGGCTCCAGCCACCTCGCCCTCGCAGCCGCTG
 CCGCTGCCCGCCACTTGGAGGAGCGGACGACGCTCGTGGCAGGGTCTGGAACACAGGAAACCGCGCT
 CACTCGTTGGTGCCAGAGGGGGCGCGGGAGAGCCTAGTGGCGCTGGTACGACCTCGGACAGGGAC
 TCTGGCGCAACGGGAGGTGCGCTGCGCCCTACGCGGACGAGCACTTATAGGTACAGCCGGCCTATG
 CTGGCAGTACCTGGTGGTACCGCCGATCTCTGGACCGGAGCGCATCGCGGAGTACAACCTGACGCT
 GGTGGCCGAAGACCGTGGCGCGCCCTCTGCGCACTGTACGGCCCTACACCGTGCAGGAGTGGGTGACGAG
 AATGACAACGCTCCACTTTCACCAAGCCAGTCTACGAGGTGTAGTCCGCGAAAACAACCTCCGGGCG
 CCTACCTGGCCACAGTGGCCGCCGCGACCCTGACCTGGCCGCAACGGTACGTCACCTACCGGCTGGT
 AGAGGCCGAAGTGGGGCCTCCGGGAAGCCGTGCTCACTTACGCTCTAGTAGACCCGGCTACCGGGGCC
 ATCTACGCTCTGCGTAGCTTTGACTATGAGACTCTGCGCCAGCTTGACGTGCGTGTCCAGGCCAGCGACG
 GCGGTTCCCTCAGCTTTCCAGCAATGCTCTGGTGCAAGTGCAGTGTGGACCAGAACGATCACTCTCC
 GGTCTCGTGCATCCGGCGCCGGCAATGGCTCCCTAGAAGTAGCAGTCCCTGGACGTTCCACCAAGGAC
 ACAGCTGTGGCAGCATCCAGGCCCGGGATGCAGACGAAGGAGCCAACGGGGAACCTGGCCTTCGATCTCC
 TGCAGCAGGAGCCACGCGAGGCCCTTCCATAGGCCGCCACAGGGGGAGATCGTGTACCCGGAGACCT
 CTCGCAGGAGCCTCTGGCCGCTGTTCAAGGCCCTACTGGTCAATCCGACGGCGGCGCCCCCTCTC
 ACCACCACAGCAACCGTCACTTTCGTGGTAACAGCCGGTGGTGGTCACTGTGCTGCCAGCGCCGGGA
 GCCCGGAGCACTCCGGCCACCCGGCTCTCGCTCGCGCCGTGGGGCTTCGCTGCAGTGGGACACGCC
 GCTGATCGTCATCATCGTGTAGCCGGGAGCTGCACCCTGCTGCTGCAGCCATCATGCCATCGCCACC
 ACCTGCAACCGCCGAAGAAGGAGCCCTACAGTGCCTCTCCGGGCTTTGGGAAGGAGCCTGCGCCCTCTG
 TTGAGTCTGGAAGGGCATTTCATTCAACACCATCTCAGGCCGAGAAGCTGAGAAGTTAGTGGGAAAGA
 CAGCGGAAAGGAGACAGTGATTTCAATGACAGTACTCGGACATCAGCGGGGACGCTTGAAGAAAGAC
 CTCATCAACCACATGCAGAGTGGACTGTGGCATGCACGGCTGAGTGCAAGATCTAGGCCATTCTGATC
 GCTGTGGAGCCATCTGTGCCGACCAACACACCCGCTCTCACCCACCAGCCAGATGTCAAC
 CTTCTGTAAGAGCAGTCCCTGCCTCGGGATCCTCTGCGCAGGGACAATTACTACCAGGCCAGCTCCCC
 AAGACAGTGGGGTGCAGAGCTATGAGAAAGTGTGCATAGAGACTATGACAGGACAGTCACTTTGC
 TCTCCCTCCCGTCCAGGAAGGCTCCAGACCTGCAGGAGATTGGAGTACCCCTCTATAGTCCCTCC
 TGGTGGCAGATATGTGTCCCGAAGAAGGAACCAATGAAATGT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_022868
Insert Size:	2919 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:	<ol style="list-style-type: none">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:	NM_022868.1 , NP_074059.1
RefSeq Size:	2919 bp
RefSeq ORF:	2919 bp
Locus ID:	64865
UniProt ID:	D3ZE55
Cytogenetics:	15q12
Gene Summary:	may mediate activity-induced synaptic reorganization underlying long term memory [RGD, Feb 2006]