

Product datasheet for **MC222822**

Pcdha8 (NM_201243) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
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: >MC222822 representing NM_201243
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTGCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCTGTGTTTAGGCGGTGCAGTCCCAGACGACCAGCTTCTAGTGCTTTCGTTCTGCTCATAGCAGTTT
GGGAGGTGGGAGCGGCCAGCTCCACTACTCTATCCCCGAGGAGGCCAAACACGGCACCTTCGTGGGCCG
CATCGCGCAGGATCTTGAAGTGCAGCTGCCGGAGCTGGTTCTGTGCTTTTTCAGTTGGATTCAAAGGGT
TTTGGGACCTTCTGGAGGTAATCTGCAGAAATGGCATTGTTTGTGTAATCTCGGATCGACCGGGAGG
AAGTGTGGGGCGGAGCGGGAGTGTAGCATCCACTTGGAGGTGATCGTGGACAGGCCGCTGCAGGTTTT
CCACGTGGAGGTAGAGGTGAGGGACATTAATGACAACCTCCCATGTTTCCAGCGACACAAAAGGCTCTG
TTTATTCGGAGTCCAGACTGCTTGAAGTGCAGCTTCCACTAGAGGGCGCGTCAGATGCAGATGTCGGTT
CCAATGCTCTGCTGACTTACAGACTGAGCACAATGAACATTTCTCTGATGTACCGCCCAACACGA
GCAGGTGAAACCCCTTGGGCTCGTTTTCGGAACCTTTAGACAGAGAAGAAGTGCAGAGATTCGCTTA
TTGCTCAGCGCCACCGAGGAGGCAACCGGAGCTGACAGGCACCGTTCAATTACTCATCACCGTCTGG
ATGTCAATGACAATGCACAGTTTTTGACAGATCTCTGTATACTGTGAAATGGCAGAAAACGTTCCAAA
TGGATCATTGGTAATCAAAGTCAATGCCTCAGATTTGGACGAGGGCGTGAATGGGACGTTATGTACTCA
TTTTCTAGTGATGTTTCTTCAAGATATAAATCCAAGTTCACATGGACACTGTGAGTGGAGAGATTACAG
TTATAGGAATTATTGATTTCAAGAGAGTAAAGCTTACAAGATTCATTAGAGGCAGTGAATAGGGCCT
CCCACCACTGATTGGTCAATGCAGGTTCTTGTGAAGTTGTAGATGCTAACGATAATGCTCCACAGCTC
AATGTCAAAACACTCTGGCTCCCTGTTAAGAAGATGCACAACGGGAAAATTATTGCCCTGATCAGTG
TGATTGATCTAGACTCAGGTATCAACGGGAGGTGACCTGCTCTTGAATCATGTCCCTTCAAGTT
GGTGTCCACCTTCAAGAACTACTATTCTCTGCTGCTGACAGCGCCCTGGACCGAGAGACCATCTCTAAC
TATGACGTGATTGTGACTGCCCGGACGGGGCTCTCCCTGCTGCTGGCTACAGCCAGCGTGTCCGTGG
AGGTGGCTGACGTGAACGACAATGCTCCTGCATTCGCGCAGCCGAATACACGGTGTGTTGTGAAGGAGAA
CAACCCGCCTGGTGCACATCTTCAAGATATCAGCGGTGGATGCTGATGCGCAGGAGAACGCGCTGGTG
TCCACTCACTGCTGGAGCGGAGGGTGGGCGAGCGCTTGTGTCGAGCTATGTGTCTGTGACGCGGAGA
GCGGCAAGGTGTTGCGCTGCAGCCTCTGGATCATGAGGAGCTGGAGTGTGTCAGTTCCAGGTGAGCGC
ACGGGATGCTGGTGCCTGCCCTGGGAGCAATGTGACTCTGCAGGTGTTTGTGCTGGATGAGAACGAC
AATGTGCCGATGTTGCTTGGATCTGGGACGGTGGGTGAGTGGAGTGTCAATCAGCTGTTGTCTAGGT
CCGTGGATCTGCTCAGTGGTGGCGAAGGTGCGCGCCGTAGATGCAGACTCTGGTTACAATGCTTGGCT
GTCTTATGAGCTGCTCTCATGGCCAGGCAGCATGCGCAGCCATTTCTGTGATGAGATTATACACCGGTGAG
ATCAGCACCACAAGGTCTTGGATGAAACAGATGGGACTAGACAACGTTTGTGGTGTGTTAAAGGACC
ACGGTGAGCCTCCGCTGACTGCTACAGTCACCGTGTGGTGTCTCTAGTGGAAGTGGCCAGGCTCCAAA
GACCTCGTCCCGATCCTCTGTGGGTGTTACTGTGCCAGAGCCATCTTATGAGTGTCAACGTGTACCTG
ATCATCGCCATCTGTGAGTGTCCAGCCTGTTGGTGTGCTCAGCTGCTGCTGTACACAGCGTGCCTGCT
CGGCGACCCCACTGGGGCGCTTGTGGTCTGGGAAGCCCATGCTGGTGTGCTCCAGCGTGCCTGGGAC
TTGGTCTTACTCACAGCAGAGAAGGAGAGGGTGTGCTCTGGAGAGGGCCACCGAAGACCGACCTCATG
GCCTTCAGCCCCGTCTACCTCCATGCTGATCTGCAGAACCATCTGTTTCTTGGACTCCTCCGAGA
AGCCCCGGCAGCCCAACCTGACTGGCGCTACTCTGCCTCGCTAAGAGCAGGCATGCACAGCTCTGTGCA
CCTGGAGGAGGCTGGCATTCTACGGGCTGGTCCAGGAGGGCTGATCAGCAGTGGCCAACAGTATCCAGT
GCAACACCAAGAACCTGAGGCAGGAGAGGTGTCCCTCCGGTGGGCGCCGGTGTCAACAGCAACAGCTGGA
CCTTTAAATACGACCAAGGCAACCCCAACAGTCCGGTCCCGGTGAGTTGCCAGACAAATTCATTATCCC
AGGATCTCTGCAATCATCTCCATCCGGCAGGAGCCTGCTAACAACCAATTGACAAAAGCGATTTTATA
ACCTTCGGCAAAAAGGAGGAGACCAAGAAAAAGAAAAAGAAAGGTAACAAGACCCAGGAGAAAA
AAGAGAAAGGGAACAGCAGCAGGACAACAGTGACCAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_201243

Insert Size: 2841 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_201243.1, NP_957695.1</u>
RefSeq Size:	5242 bp
RefSeq ORF:	2841 bp
Locus ID:	353235
Cytogenetics:	18 B2-B3