

Product datasheet for **MC222749**

Pcdha3 (NM_138662) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	Pcdha3
Synonyms:	mKIAA0345
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



Fully Sequenced ORF: >MC222749 representing NM_138662
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**

ATGGTGTTCCTCAGAGAGAAGATCGGCATCTGCTGCTCTGGCTTCTTCTTTGCAGCCTGGGAGGCAG
GGAGCGGCCAGCTTCATTACTCCGTCCCAGAGGAGGCCAAACACGGCACCTTTGTGGACGCATCGCGCA
GGACCTGGGGCTGGAGCTGGCTGAAGTGGTGCCTCGCTGTTCAAGGTGGCGTCCAAGGACCGCGGGGAC
CTTCTGGAGGTAATCTGCAGAATGGCATTGTTTGTGAATCTCGGATCGACCGGAGGAGCTGTGCG
GGCGGAGCGCGGAGTGTAGCATCCACCTGGAGGTGATCGTGGACAGGCCGCTGCAGGTTTTCCACGTGGA
GGTGGAGGTGAGGACATTAAACGACAACCTCCAGTATTTCCAGTAGCCACAAAGAATCTTTTTATCTAT
GAATCTCGGCCGCTGGGCTCCCGTTTTGCTAGAGGCGCATCAGATGCAGATATAGGAACCAATTCTGT
TGTTGTCTTACAGTCTTAACCTCAAGTGAATACTTTCTTTGGATGTCAAAGAAAAGATGAGGAAATTA
GTCCCTGGGACTCGTGTGAAAAAATTTTAAACAGAGAGGACATTCTGAACATAATTTATTGATAACT
GCAGTTGATGGTGGAAACCTGAGCTCACTGGCACCACTCAAGTGAAGATCACTGTTCTAGATGTGAACG
ACAACGCCCCAGCATTGAGAAGACATTCTACAAAGTCAGATTACCCGAAAATGCTCCAAATGGTACTGT
AGTAGTGGATGTTGATGCCTCTGATTTGGATGAAGGAGTAAATAAGGACATTGTATATTCTTTTACCAG
GATATGTCACTTGAAATCCTGTCAAATCCACTTAGACCCAATCAGTGGATACATCACTGTAAAGGTA
ACATAGATTTTGGAGAAACCAATCTTTTGAATCCAGATAGAAGCAGCAGACAAGGGAACCCCTCCAAT
GACAGATCATTGCACGGTCTAGTTGAAATTGTGGACGTCAATGATAACGTGCCTGAATTGGTCATCAAG
TCATTATCACTTCTGTGTAGAAAATTCTGCACCCAGCACTGTATCGCCCTGATCAGTGTGTCTGACC
GTGACTCTGGAGCCAATGGACAAGTACCTGCTCTTTGACCCCTCAGGTTCCCTTCAAGCTGGTGTCCAC
CTTTAAGAATTACTATTCTTGTGCTGGACAGTGTCTGGACCGAGAGACCATCTCTAACTACAACGTT
GTTGTGACTGCCAGGGACGGGGGCTCTCCTTTTGTGCACACGGCTAGCGTGTCTGTGGAGGTGGCTG
ACGTGAATGACAATGCTCCTGCATTTGCGCAGCCGGAGTACACAGTGTTTGTAAAGGAGAACACCCCTCC
TGGCGCGCACATCTTACGGTGTACGCGATGGATGCGGACGCACAGGAGAACGCGCTGGTGTCTACTCG
CTGGTGGAGCGGAGGGTGGGCGAGCGCTTGTCTGCGAGCTATGTGTCCGTGCACGCGGAGAGCGGCAAGG
TGTTTGCCTGCAGCCTCTGGACCATGAGGAGCTGGAGCTGCTGCAGTTCAGGTGAGCGCGCGGGATGC
TGGTGTGCCTGCCCTGGGACGCAATGTGACTCTGCAGGTGTTGTGCTGGATGAGAACGACAATGCGCCC
ACACTGCTGGGGCTCACGCGGCAGCGCAGTGAGCGAACTGGTGTACGGACAGTGGGTGCAGGGCATG
TGGTGACGAAGGTGCGTGTGTGGACGCGGACTCTGGCTACAACGCGTGGCTCTCTTATGAGCTGCAGTC
AGCAGCGGGCAGTGGACGTCTTCCCTTCCGCGTGGGTCTGTACACCGGTGAGATCAGCACCAACAGTGT
CTGGATGAAACAGATGCCCCGCGACAGCGCTATTGGTATTGGTGAAGGACCATGGCGAGCCGGTGTGA
CAGCTACAGCCACCTTGCTTGTGTCTCTGGTGGAGAGTGGGCACACGCCAAACACCCATCCCGACTTT
GGTGGATTCTGCCGTAGGGAGGCTTCGCTTGTAGATATCAACGTGTACCTGATCATCGCCATCTGTGCC
GTGTCTAGCCTGTTGGTGTCTACGCTGCTGCTGTACCTTGCACTCAGGTGCTCCACAGCGCCACGGAGG
GCGGTCTGGGAAGCCCATGCTGGTGTCTCCAGCGCAGTGGGACCTGGTCATATTGCAGCAAAGAAG
ACAGAGGTGTGCTCTGGAGAGGGCCGCCAAGACCGATCTCATGGCTTACGCCAAGTCTTACACCA
TGCCAGTTAATCAAGATAAAGAAAGACAACTGGTTGGAGACATTGATTTCTCCATCAAACCCCGGCAGC
CCAACCTGACTGGCGCTACTCTGCCTCGCTAAGAGCAGGCATGCACAGCTCTGTGCACCTGGAGGAGGC
TGGCATTCTACGGGCTGGTCCAGGAGGGCTGATCAGCAGTGGCCAACAGTATCCAGTGCAACACCAGAA
CCTGAGGCAGGAGAGGTGTCCCTCCGGTGGCGCCGGTGTCAACAGCAACAGCTGGACCTTTAATACG
GACCAGGCAACCCAAACAGTCCGTCGCCGTGAGTTGCCAGACAAATTCATTATCCAGGATCTCTGCG
AATCATCTCCATCCGCGAGGAGCTGCTAACAACCAATTGACAAAAGCGATTTTATAACCTTCGCAAA
AAGGAGGAGACCAAGAAAAGAAGAAAAGAAGGGTAACAAGACCCAGGAGAAAAAGAGAAAGGGA
ACAGCACGACGGACAACAGTGACCA**TGA**

AG**CGGACCG**ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII

ACCN: NM_138662

Insert Size: 2829 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_138662.1, NP_619603.1</u>
RefSeq Size:	5230 bp
RefSeq ORF:	2829 bp
Locus ID:	192163
Cytogenetics:	18 B2-B3