

Product datasheet for **MC222620**

Gm37013 (NM_001174154) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gm37013 (NM_001174154) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gm37013
Synonyms:	Pcdha4-g
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>MC222620 representing NM_001174154

Red=Cloning site Blue=ORF Orange=Stop codon

 TTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAATTTCTGGGAAGTGCCAGGAATCCCAGCGCTTGCTCTTTCTTTCTGCTTCTTGCAATCT
 GGGAGGCAGGGAACAGCCAGATCCACTACTCCATCCCTGAGGAGGCCAAACACGGCACCTTCGTGGGCCG
 CATCGCGCAGGACCTGGGGCTGGAGCTGACGGAGCTGGTCCCCCGCTGTTCCAGAGTGGCGTCCAAGGAC
 CGCGGAGACCTTCTGGAGGTAATCTGCAGAATGGCATTGTTGTTGTGAATTCTCGGATCGACGGGAGG
 AGCTGTGCGGGCGGAGCGGGAGTGCAGCATCCACCTGGAGGTGATCGTGGACAGGCCGTTGCAGGTTTT
 CCACGTGGAGGTGGAGGTGAGGGACATTAACGACAACCCCTCCAGGTTCCCAACAACACAAAAGAATCTG
 TTCATTGCAGAATCAAGGCCACTTGACACTTGGTTTCCACTAGAGGGCGCTTCAGACGCAGATATCGGAA
 TCAATGCTGTACTGACTACAGACTGAGTCCAAATGATTACTTTCTTTGGAAAAACCATCAACGACGA
 ACGGGTAAAAGGTCTTGGACTTGTATTACGAAATCTTTAGACGGGAGGAACTCCAGAGATAATTTTA
 GTGCTTACTGTCACGGACGGAGGAAAGCCAGAGCTGACCGGCAGTGTTCAGTTACTCATCACTGTGCTGG
 ATGCCAATGATAATGCTCCAGTTTTTGACAGATCTCTGTATACCGTGAAATTACCAGAAAACGTTCCAAA
 TGGGACATTGGTAGTCAAAGTCAATGCCTCAGATTTAGACGAAGGGGTAATGGGGATATTATGACTCA
 TTTTCTACAGATATTTACCAAAATGTGAAATACAAATCCACATAGACCCGTGTTAGCGGAGAGATTATG
 TAAAGGGATACATTGATTTTGAAGAATGCAAAATCCTATGAAATTTCTATAGAGGGAATTGACAAGGGACA
 ACTTCCACTCTCTGGGCACTGTAAGTCATTGTACAAGTTGAAGACATCAACGATAATGTTCCAGAATTG
 GAATTCAAATCTCTATCACTTCCAATACGAGAGAATTCTCCAGTGGGCACTGTATCGCACTCATTAGTG
 TGCTGATCGGGACCGGGTGTCAACGGGCAAGGTGACCTGCTCCCTGACAAGTCAATGTCCTTCAAGT
 GGTGTCCACATCAAGAATTAATTCGCTCGTCTGGACAGCGCCCTGGACAGAGAGACAACACGGGAC
 TATAAGGTGGTGGTACAGCGCGGGATGGGGGCTCTCCCTCGCTGTGGCCACGGCTAGCGTGTCTGTTG
 AGGTTGCTGACGTGAACGACAATGCACCTGTGTTGCGCGACCCGAATACACGGTGTTCGTGAAGGAGAA
 CAACCCGCTGGTGCACATCTTACGGTGTGAGCGATGGATGCGGACGCACAGGAGAACGCGTGGTG
 TCCTACTCGTGGTGGAGCGGAGGGTGGGCGAGCGCTTGTGTCGAGCTATGTGCTGTGCACGCGGAGA
 GCGGCAAGGTGTTCGCGTGCAGCCTCTGGACATGAGGAGCTGGAGCTGCTGCGGTTCCAGGTGAGCGC
 GCGGGATGCTGGTGTACCTGCCCTGGGACGAATGTGACTCTGCAGGTGTTTGTGCTGGACGAGAATGAC
 AACCGCCACACTGCTGGAACCTGAGGACAGGAGTCTCTGGTGGAAATCGTGAAGCCGTTGGTGTCCAGAT
 CAGTGGGTGCAGGCCATGTGGTGGCTAAGGTGCGCGCGGTGGATGCAGACTCTGGCTATAATGCATGGCT
 CTCTTATGAGCTGCAATCGTCAGAAGGCAATCCCGTAGCCTTTTCCGCGTAGGTTTGTATACGGGCGAG
 ATTAGTACTACGCGCATACTGGATGAAGCAGATTCGCCACGTGAGCGCCTTCTGGTGTGGTGAAGGACC
 ATGGTGACCCAGCAATGATTGTTACCGCCACAGTGTGGTGTCTCTGGTAGAGAAATGGCCCGGTACCAAA
 GGCTCCATCGCGAGTATCCACGAGTGTACACACTCTGAGGCGTCACTGGTGGATGTCAACGTGTACCTG
 ATCATTGCCATCTGTGCAGTGTCCAGCCTGCTAGTGTCTACGCTGCTGTACACAGCGCTGCGCTGTT
 CCACTGTCCCAGTGAGAGCGTGTGCGGGCCTCCAAAACCGGTAATGGTGTGCTCCAGTGCAGTGGGGAG
 CTGGTCATACTCCAACAAGGAGGCAAAGGGTGTGCTCTGGGGAGTACCCACCTAAGACCGACCTCATG
 GCCTTACGCCCCAGTTTATCTGATTCAAGGGACAGAGAGGATCAATTGCACTGTGACAGAGGATTCCTCTG
 GAAAGCAAGCCCCGCCAACACTGACTGGCCTTCTCTCAAGCCAGAGACCCGGCACGAGCGGATCCCA
 AAATGGTGTGAAACTGGCACCTGGCCAAACACAGTTTGTATACAGAGATGCTGCAAGCCATGATCTTG
 GCCTCTGCCAGCGAAGCTGCTGATGGGAGCTCTACCCTGGGAGGGGGCGCTGGCACCATGGGTCTGAGCG
 CTCGATACGACCCAGTTTACCCTGCAGCAGTGCCTGACTACCGCCAGAACGTGTACATCCCTGGCAG
 CAATGCCACGCTGACCAATGCCCTGGCAAACGAGATGGCAAGGCTCCAGCAGGTGGTAAATGGCAACAAG
 AAGAAATCGGGCAAGAAAGAGAAGAAGTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:	NM_001174154
Insert Size:	2760 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:	<u>NM_001174154.2</u> , <u>NP_001167625.1</u>
RefSeq Size:	4622 bp
RefSeq ORF:	2760 bp
Locus ID:	100384868
UniProt ID:	<u>O88689</u>
Cytogenetics:	18