

Product datasheet for **MC229173**

Gm38667 (NM_001301259) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gm38667 (NM_001301259) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gm38667
Synonyms:	Pcdha7-g
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC229173 representing NM_001301259
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGAATAAAACGTGAGCAATTTGAAATGGTAAACCTGAGAGGATACAACCTGGAAGAGCCAACAATTAC
 TCCTGTTCTGATAATTGTGGCAGCCTGGGAGGCAGGGAGCGGCCAGCTCCACTACTCCGTCAGAGGA
 AGCCAAACACGGCACCTTCGTGGCCGCATCGCGCAGGACCTGGGGCTGGAGCTGACGGAGCTGGTGCC
 CGCCTGTTCAAGGTGGCGTCCAAGGACCGCGGGACCTTCTGGAGGTAATCTTCAGAATGGCATTGTTGT
 TTGTGAATTCGTCATCGACCGGAGGAAGTGTGCGGGCGGAGCGCGGAGTGTAGCATCCACCTGGAGGT
 GATCGTGGACAGGCCGCTGCAGGTTTTCCACGTGGAGGTGGAGGTGAAGGACATTAATGACAACCTCCC
 ATGTTTCCAGCGACACAAAAGGCTCTGTTATCCTGGAGTCCAGACTGCTTGACTCGCGGTTTCCACTAG
 AGGGCGCGTCAGATGCAGATGTCGGTTCCAATGCTCTGCTGACTTACAGACTGAGCACCAATGAACATTT
 CTCTCTGGATGTACCGCCCAACACGAGCAGGTGAAACCTCTTGGGCTGGTTTTGCGGAAACCTTTAGAC
 AGAGAAGAAGCTGCAGAGATTCCGTTATTGCTCACGGCCACCGAGGAGCAAACCGGAGCTGACAGGCA
 CCGTTCAATTACTCATCACCGTGTGGATGTCAATGACAATGCTCCAGTTTTTGACAGATCTCTGTATAC
 TGTGAAATTGCCAGAAAACGTTCCAAATGGAACATTGGTAATCAAAGTCAATGCCTCAGATTTGGACGAA
 GGCGTGAATGGGACGTTATGACTCATTTTCTAGTGATGTTTCTCAGATATAAAATCCAAGTTCCACA
 TGGACACTGTGAGTGGAGAGATTACAGTTATAGGAATTATTGATTTTGAAGAGAGTAAAGCTTACAAGAT
 TCCATTGGAGGCAGTGATAAAGGGTCCCACAACCTGCCTGGACACTGTACCATTCTGTGGAAGTTGTA
 GATGCTAATGACAACGCTCCACAGTTGACGGTTAGTTCCTGTCTCTCCAGTATCCGAGGACAGTCAAC
 CTGGAAGAGTCTCACTTTAATTAGCGTATTTGACCGTGATTCGGTGCCAATGGCGAGTGCCTGCTC
 CCTGACTCCTCATATCCCCTTCAAGCTGGTGTCCACATTCAAAAATTACTATTCCGCTCGTCTGGACAGT
 GCTCTGGACCGAGAGACCATCGCTAACTATGATGTGATTGTGACCGCTCGCGATGGCGGTTCCGCCCTCC
 TGTGGGCCACGGCCAGCGTGTCCGTGGAGGTGGCTGATGTGAACGACAATGCTCCACTGTTTGGCGAGCC
 TGAATACACGGTGTTCGTGAAGGAGAACAACCCGCTGGTGCACACATCTTACAGTGTGACGATGGAT
 GCTGATGCGCAGGAGAATGCGCTGGTGTCTACTCGTGGTGAACGGAGGGTGGGCGAGCGCTTGTCTGT
 CGAGCTATGTGTCTGTGCACGGAGAGCGCAAGGTGTCGCTCTGCAGCCTCTGGACCATGAGGAGCT
 GGAAGTGTGAGTTCAGGTGAGCGCGCGGGATGCTGGTGTGCCTGCCCTGGGAGCAATGTGACTCTG
 CAGGTGTTTGTACTGGACGAGAACGACAATGCACCTACCTGCTGGGGCCTTTGGCTAACGGGTTGGTG
 GCACAATGAATGAGGTAGTATCAAGAGCTTTGGTGCCTGGTCAAGTTGTGGCGAAAGTCCGGGCCGTAGA
 TGAGGACTCTGGATAACAATGCGTGGTGTCTTTGAGCTGCAGCCAGTTGCGGGTGGAGTTCGTAGTCCC
 TTCCGTGTAGGCCTGTACACAGGAGAAAATCAGCACGACACGTGCTCTGGAGGAGACAGATGCCTTGGCGC
 AGTGCTTGTAGTGTGGTGAAGATCACGGAGAACCTTCTCTGACCGCCACAGCCACGGTGTGCTTTTCT
 TCTGGTAGACAGCGGCCAAACACAGAAGGTCTCATCTAAGGTGTGAGTGGAGCCTCCAGAGTGGATCAG
 AGGCTGGTGGATGTCAACGTGTACCTGATCATCGCCATCTGCGCGGTGTCCAGCCTGTTGGTGTACCG
 TACTGCTGTACACAGCGCTGCGCTGTTCCGGCAGCGCCACCGATGGAGCCTGTGCTCCAGGGAAGCCAT
 GCTGGTGTGCTCCAGCGCGGTGGGAGCTGGTCATACTCGCAGCAGAGGGCAGAGAGTGTGCTCTGGA
 GAAGGCCACCCAAAGACCGACCTCATGGCCTTCAAGCCCAAGCCTACCTCAGGGTCCCAGCTCTACAGATA
 ACCAAGCCCCGCCAACACTGACTGGCGTTTCTCTCAAGCCAGAGACCCGGCAGAGCGGATCCCAAAA
 TGGTGTGAAACTGGCACCTGGCCCAACAACAGTTTGTATACAGAGATGCTGCAAGCCATGATCTTGGCC
 TCTGCCAGCAAGCTGCTGATGGGAGCTTACCCTGGGAGGGGGCGTGGCACCATGGGTCTGAGCGCTC
 GATACGGACCCAGTTTACCCTGCAGCAGTGCCTGACTACCGCCAGAACGTGTACATCCCTGGCAGCAA
 TGCCACGCTGACCAATGCCGCTGGCAAACGAGATGGCAAGGCTCCAGCAGGTGGTAAATGGCAACAAGAAG
 AAATCGGGCAAGAAGAGAAGAAG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN:	NM_001301259
Insert Size:	2757 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001301259.1, NP_001288188.1</u>
RefSeq Size:	4596 bp
RefSeq ORF:	2757 bp
Locus ID:	103611159
Cytogenetics:	18