

Product datasheet for **MC222699**

Pcdhga2 (NM_033585) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	Pcdhga2
Synonyms:	mKIAA0588
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



Fully Sequenced ORF:

>MC222699 representing NM_033585
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTGCACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCGACGCTGCAGAACTCCCCAGAGCAGAATGCTGGTCTCTGTGCGCACTTTGGGCCGCCCTGT
GGGAGGCCAAAGCTGGACAGATCCGCTACTCCGTGCCGGAGGAGATCGACAAAGGCTCCTTCGTGGGCAG
CATCGCAAGGACCTGGGACTAGAGCCCCAGGCTCTGGAAGAACGAGGGGTCCGCATCGTCTCCAGAGGT
AAGTCGCAGCTCTTTGCTCTGAACCCGCGAAGCGGCAGCCTGGTCACCGCAGGCAGGATAGACAGGGAGG
AGCTGTGCGCCAGAGCACGCCCTGTTTGGTGAACCTTAACCTACTACTGGAAGATAAATTGACTATTTA
TTCTGTGGAGGTGGAGGTAACAGATGTTAATGACAATGCTCCTCGCTTTGGAGTAGAGGATCCAGAACTA
AAAATCAGTGAAACAACACACCAGGATTGAGGATTCCTCTTAAGAGTGACATGATCGGACGTTGGAG
AGAACACCTCCAGAAGTATAAACTCAACTCAATGACCACTTCTCTCTGGACGTGCGAACTGGAGCGGA
TGGGAACAAGTACCCAGAGCTGGTGTCTGAACGTGCCTTGGACCGGAGGAAGAGGCTGTTTCATCATCTG
GTTCTAGTCGCCTCTGACGGGGGCAATCCAGTGCATCTGGCACCTGCCGCATCCGTGTGAAGGTCTTGG
ATGCAAACGATAACGCTCTGCTTTTACACAGGCTGAGTATCGTGTGAGAGTTCCTGAAATACGCCCGT
AGGCACCCGGATACTCAGAGTACAGCCACTGACGCGGATGAGGGATACAATGCTCAAGTGACTTATTTT
CAGGAGCATGACCTGGAGAACTACAGATGCATTTGAGCTAAAGTCAACATCTGGAGATATAACAATCA
CAAAAAGTCTGGATTATGAGAAAGCTAAATTCATGAAATCGATATTGAGGCTCAGGATGGCCAGGCCCT
TCTGACTAGGACGAAAGTAATTGTACCCGTTCTAGATGTCAACGACAATGCCCGGAATTTTACATGACA
TCTGCCACTGCTTCTGTGCTGAAGACGCTCCTCTGGGAACGGTAATTGCACTCTTCAATGTGCATGATA
GGGACTCTGGGCAGAATGCTGTCTGTCACGTGTTCACTTCCCGAAATGCTTCTTTCAAGTTAGAAAGGTC
GGTGGACAGTTACTACCGACTGGTTACAACCAGAGCCCTTGACAGGGAACAGTTCTCCTTCTATAACATC
ACTGTAAGCGCAAAGATGGAGGGAGCCCATCTCTGTCCACAGATGCACACCTTTTGTGTCAGGTGGCAG
ATATCAATGACAACCCACCTCCTTCCCCCGGAGGGTCTACTCTGCCTACATTCCTGAGAACACCCCGAG
AGGCACCTCCATCTTTTCAAGTGTGCTGCTGACCCCGACAGTAACGACAATGCCACGTAACCTACTCT
TTAGCTGAAGATAGCTTTCAAGGAGCACCCCTGTCTCCTACGTCTCCATCAACTCAGACACTGGAGTCC
TCTATGCTCTCCGCTCCTTTGACTATGAGCAGTTCCAAGACTTGACAGTGTGGGTGATAGCAGCAGACAG
TGGGAACCTCCACTGAGTAGCAATGTGTCTTGAAGCTGTTTTAGTGGACCAGAACGACAACACCCCT
GAGATCCTGTACCTGCCCTCCCCACTGATGGGTCCACTGGTGTGGAAGTAGCGCTCGATCTGCAGACC
CTGGATACCTGGTGACCAAGTGGTGGCAGTAGACAAAGACTCAGGACAGAACGCTTGGCTGTCTACCG
CCTGCTCAAGGCCAGTGAGCCAGGGCTCTTCTCAGTGGGACTACACACAGGCGAGGTACGAAGTGTCTCG
GCCCTGCTGGACAGAGACGCTCTGAAACAAAGCCTGGTGGTGGCTGTGCAGGACCATGGCCAACCCCTC
TCTCCGCCACTGTCACTCACTACCATAGCAATAGCTGACAACATCCCGAAGTCTGGCTGATCTGGGCAG
CATCAGGACCCCTGCCAACCTGACGATTGAGAACTCACTCTCACTCTGGTGGTGGCAGTGGCTGTGGTC
TCCTGTGTCTTCTGGCCTTTGTCTTGTCTGCTGGCACTCAGGCTGAGGCGCTGGCATCTGTCTCGGA
TGCTTCAGGCTTCAAGAGATGGCTTAGGGGGCATCCCTGCCTCACACTTTGTGGGAGTGGACGGAGTACG
TGCTTTCTGCAGACCTATTTCCATGAAGTCTCGCTCACCGCAGACTCAGGAAAAGCCACATTATCTTC
CCTCAACCAAACATATGCAGATACTCTCATCAGCCAGGAGAGCTGTGAAAAAAGTATTCTCTCAGCAC
CTCAGTCTTTACTTGATGATAAAAGAGAAGAAACCCCTCAGCAAGCCCCGCCAACACTGACTGGCGTTT
CTCTCAAGCCAGAGACCCGGCAGGCGGATCCCAAAATGGTGATGAAACTGGCACCTGGCCCAACAAC
CAGTTTGATACAGAGATGCTGCAAGCCATGATCTTGGCCTCTGCCAGCGAAGCTGTGATGGGAGCTCTA
CCCTGGGAGGGGGCGCTGGCACCATGGGTCTGAGCGCTCGATACGGACCCAGTTTACCCTGCAGCAGCT
GCCTGACTACCGCCAGAACGTGTACATCCCTGGCAGCAATGCCACGCTGACCAATGCCGCTGGCAAACGA
GATGGCAAGGCTCCAGCAGGTGTAATGGCAACAAGAAGAAATCGGGCAAGAAAGAGAAGTA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_033585

Insert Size:

2796 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_033585.1</u> , <u>NP_291063.1</u>
RefSeq Size:	4537 bp
RefSeq ORF:	2796 bp
Locus ID:	93710
Cytogenetics:	18 B3