

Product datasheet for **RN204254**

Pcdhga12 (NM_001037337) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pcdhga12 (NM_001037337) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pcdhga12
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF:

>RN204254 representing NM_001037337

Red=Cloning site Blue=ORF Orange=Stop codon

CTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCCGGCGC
GCC

ATGATCCCATGCAAAGGCCGAGGACTGCAAAGGCTGGTATTCTGGGAGTCTTCTCGGGATGCTGT
GGGAAGCCGATCCACCCAGATACGCTATTCCGTTCCGGAGGAGCTGGAGAAAGGATCTAGGGTGGGCAA
CATCTCCAAGGATCTGGGGCTGGAGCCCGCGAGCTGGCGGAGCGAGGGTCCGCATCGTCTCCAGAGGT
AGGGCTCAACTTTTCGCTCTAAACCCTCGAAGCGGCAGCTTGGTCACCGCGGCAAGATAGACGGGAGG
AGCTGTGTATGGGGTCCATCAAGTGTCAAGTAACTAGAGATTCTAATGGAAGATATAGGGAAAAATA
CGGAGTAGAAATAGAAGTGAAGGACATTAAACGACAACGCACCCTACTCCGTAAGTGAATTAGAAATA
AAAATGAGTGAACCGCCGCTGGAATGCGATTCCCTCTCCACGCTTGGGATCCAGATATCGGGA
AGAAGTCTTTCAGAGCTACCAGCTCAGCCGAATGCTCACTTCTCGCTCGAGGTGCAGAAGGGAGCTGA
TGGAACAAGTACCCAGAATTGGTGTGGAGAGCTCGTGGACCGGGAGGAAAAGCCGCTCACCTCTA
GTCTCACCGCTTCGGACGCGGGAGACCCGGTTCGCTCCGGCACGCGCGCATCCTTGTGACGGTCCTAG
ATGCAAAATGACAACGCGCCAGCGTTTGGCTCGGTCCGAGTACCGCGTGAATGTGCGGGAGAACGTGGCCGT
GGGCACTCAGCTGCTGCTGGTCAACGCCACCGACCGGGACGAAGGATCCAATGCGGAAGTGTATTTCC
TTCCGGTATGTAGATGACAAGGCAGCTAAAGTTTTCAAGCTAGACAGTAATTTGGGAACAATATCAACAA
TAGGGGAGCTGAACCATGAAGAATCGGGGTTCTACGAGATGGAAGTGAAGCAACAGATAACCGGGGATT
TTCTGCACGGGCAAGGTCTGGTACAGTTCTGGACGTGAACGACAATGCCCTGAAGTAGCCATCACC
TCCCTCAACAGCCCGTTCAGAAAACCTCCCGAGGGACATTAATAGCCCTTTAAATGTAAGTAAAGTACC
AAGATTCTGGGAAAATGGACAGTAATCTGTTCCATCCAAGAGAATCGCCCTTTAAATGTAAGTAAAGTACC
TTACGGAAACTACTATAGTTTACTCACAGATGCAGTCTAGACCGTGAACAGGTTCCCTAGTTATAATATC
ACGGTACCGCCACTGACAGGGGAAGTCCGCCCTGACAACCGAAACTCACCTCTCGCTGAATGTAGCGG
ACGCGAACGATAACCCGCCATTTTCTTCAGGCCTCATACTGGGCCTATATCCAGGAGAATAACCCTAG
AGGGGCTTCTATCGCGTCCGTGACCGCCACGACCCTGACAGTGACAAAAATGCCAAGTCACTTACTCC
CTAGCTGAGGACACACCAGGGCGTCCCTTTCTCTTATGTCTTCAACTCGGATACTGGTGTCC
TGTACGCGCTGCACTCTTTGACTATGAGCAGTCCCAGACCTACAGCTGCAAGTGTAGCAGTGACAG
CGGGGAGCCGCGCTCAGCAGCAACGTGTCGTGAGCCTGTTCTGTGCTGGATCAGATGACAACACCCCC
GAAATCTTGTACCCACTCTCCCTACCGATGGTCTACTGGAGTGGAGCTAGCACCCGCTCAGCAGAGC
CTGGCTATCTGGTGACAAAGGTGGTGGCAGTGGACAGAGACTCAGGACAAAACCGCTGGCTGTCTACCG
TCTGTAAAGGCCAGCGAGCCAGGACTTCTCGGTGGGGCTGCACACCGCGAGGTGAGCACGGCTCGG
GCCCTGATGGACAGAGATGCTCTCAAGCAGAACCTTGTAGTGTCTGTGCAGGACCACGGCCAGCCTCCTC
TCTCCGCCACTGTACGCTCACTGTGGCGATCGCCGACAGTATCCCCGACGTCTGGCAGATTTGGACAA
TCTAGAATCTCTACACCTCTGAAACCTCAGGTCTCACGCTGTATCTGGTGGTGGCCGTGGCAGCGGT
TCCATGGTCTTCTGGTCTTTGTTCTGGTGTGCTGGCGCTCAGGCTGCGGCGTGGCACTCACTGCGCC
TGCTCCGGGTGCGGGACCCGGATTGGCTGACGTTGCAGCCTCTCGTTTTGTGGGCGTAGATGGAGTGCA
AGCTTTCTTGACACCTATTGCGACGAGGCTCGCTCACTGCGGGCTCCGAAAGAGTCACTTGATTTTC
CCGACGCCAACTATGCAGACACGCTAATCAGCCAGGAGAGCTGCGAGAAAACCGAGCCTTTTTGCCAT
CGAGTGATTTGGTATTTTCTAAAGACAATCATGCATTAATCAGCAAGCCCCGCCAACACTGACTGGCG
TTTCTCTCAAGCCAGAGACCCGGCAGAGCGGATCCCAAAATGGGGATGAAACCGGCACCTGGCCCAAC
AACCAGTTCGATACAGAGATGCTGCAAGCCATGATCTTGGCCTCTGCCAGTGAAGCCGCTGATGGGAGCT
CCACTCTGGGAGGGGCACTGGCACTATGGGTTTGAAGCGCTCGATATGGACCCAGTTTACCCTGCAGCA
CGTGCCTGACTACCGCCAGAACGTGTACATCCCTGGCAGCAATGCCACTGACCAACGCAGCTGGCAAA
CGAGATGGCAAGGCTCCGGCAGGCGCAATGGCAACAAGAAGAAGTGGGCAAGAAGAGAAGAAGTAA

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Ascl-MluI

ACCN:	NM_001037337
Insert Size:	2799 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_001037337.1</u> , <u>NP_001032414.1</u>
RefSeq Size:	4738 bp
RefSeq ORF:	2799 bp
Locus ID:	498850
Cytogenetics:	18p11