

Product datasheet for MC223675

Pcdh18 (NM_130448) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	Pcdh18
Synonyms:	3110038E07Rik; BB095589; PCDH68L
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC223675 representing NM_130448 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCACCAATGAATACTAAAAATGCACTTTAGATTGCACTTGCACTTCTGATGGCGTTTTTCAGCCACG
ATGTCCTGGCTAAGAATCTGAAATACAGGATTTATGAGGAGCAGAGGGTCGGATCGGTAATTGCTAGACT
ATCAGAAGATGTGGCTGATGTTTTATTGAAGCTACCAAATCCTTCTGCTGTTTCGAGCCATGCCA
CGGGGAATTCCTCTCCTGGTCGTAATGAGAATACCGGAGAAATCAGCATAGGGGCTAAAATTGACC
GCGAGCAACTATGCCAAAAAACTTGAAGTGTTCGATAGAGTTTGATGTGCTCACTCTGCCGACCGAGCA
TCTGCAGCTGTTCCACATTGAAGTGGACGTGCTGGACATTAATGACAATCCCCCAATTCTCGAGACCC
GTCAATCCCATTTGAGATATCGGAGAGCGCAGCAGTTGGGACTCGTATCCCCCTGGACAGTGCCTTCGACC
CAGATGTTGGGGAAAATCCCTCCACACCTACTCGCTCTCTGCTAATGATTATTTAATATCGAAGTGCG
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AGCTACGAGCTTCAGCTCACCCTCCGACATGGGAGTGCCTCAGAGGTCTGGCTCCTCCATCCTGAAAA
TCAGCATTTTCGATTCCAACGACAACAGCCCGGCTTTGAGCAGCCTTCTTACACAATACAACTCTTAGA
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GCCACTTGACTCTTTTCAAGCCAGTGGATTATGAAATCACCAAGTCTATGAGATAGAGCTTCAAGCCCA
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CCATTGATACATTCGTTGCTATCGTCAGGGTTCAAGACAAGGATTCTGGGCTGAATGGGGAAATAATCTG
TAAGCTTCATGGGCATGGACATTTTAACTTCAGAAGACATATGAAAAAACTACTTGATCTTGACCAAT
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GAGCCGATATGAATTTGTCATCTCAGAGAATAATTCACAGGGGCGTATATCACACAGTTACAGCCACT
GATCCAGATCTTGTGAAAACGGACATGTGACATACACCATTTTGGAGAGTTTGTCTTGGGAAGTTCCA



TCACCACGTATGTAACCATGACCCCTCTAATGGCGCCATCTATGCCCTCAGGATCTTTGATCATGAAGA
AGTGAGTCAGATCACTTTTGTGGTGAAGCCAGGGATGGAGGGAGTCAGAAGCAACTCTCCAGCAACACC
ACCGTTGTGCTGACCATCATTGATGAGAATGACAATGTCCCTGTGGTTATAGGGCCTGCAATGCACAATA
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CAGGGACTCTGGTGCCATGCTGAATTGAGCTGCTCCATAGTATCTGGTAATGAGGAAAACATCTTTATC
ATGGACCCTAGGTCATGTGACATTCATACCAACGTGAGCATGGAATCCATTCCCTCTGCGGAATGGGCAC
TCTCAGTTATCATCCAGGACAAGGGCAGTCTCCTCTGCACACCAAGTCTTCTGAGGTGCATGGTCTT
TGACTATGCAGAAATCTGTGACAAGCACAGCCATGACCTCTGTGAGCCGCGCATCCTTGGATGTGCCATG
ATCATAATTATTTCTTGGGAGCAATTTGTGCTGTGTTGCTGGTTATTATGGTCTGTTTGAACAGAGGT
GTAATAGAGAAAAGAAAGACACCAGATCCTACAACGTGAGGGTGGCAGAATCCACGTACCAGCATCATCC
TAAAGGCCATCCAGGCAGATTCACAAAGGAGACATCAGCTGGTACCCACCATCAATGGCACTCTGCCC
ATCAGATCTCACCACAGATCCTCCCATCTTCATCCCCAACCTTGGAGAGGGGACAAATGGGCAGCCGCC
AGAGTCACAACAGTCACCAGTCACTCAACAGTTTGGTGACCATCTCATCAACACGTGCCAGAGAATTT
TTCATTAGAACTCACCCAGCCACTCTGCTGTTGAGGTCTCGCAGCTTCTCTCATGCTTACCAGGGG
CAATATCAGCCACGGCCAAGTTTTCGAGGAAACAAATATTCAGGAGCTATAGATATGCCCTTCAAGACA
TGGATAAATTTAGCCTGAAAGACAGTGGCCGTGGAGATAGCGAAGCAGGAGATAGCGATTATGATTTGGG
GCGCGATTCTCCGATAGACAGGCTCCTGGGAGAAGGATTAGTGACCTCTTCTCACGGACGGGAGAATT
CCAGCAGCAATGAGGCTATGTACGGAGGAGTGCAGAGTCTGGGCCACTCTGACCAGTGCTGGATGCCCC
CGCTGCCCTCGCCATCCTCTGACTACAGAAGCAACATGTTTCATCCCGGAGAAGAATCCAGCTCAACC
TCAGCAACAGCATTCTCATCAGGGCCTTGATGATGACAGCCAGCCTGCAGAAAACGGGGAGAAAAAAG
AGCTTCTCCACTTTTGGGAAGGACTCCCTAGCGACGAGGATTGCGGAGACTCTAGCACATCATCTCTGC
TATCAGAAATGAGCAGTGTGTTCCAGCGCCTTCTCCCGCATCCCTAGATACCTTTTCTGAATGCAACGA
AGGGGATCGCTCCAACCTCTGGAACGTGAAAAGGTCGGCACAGGGCAAACTGGGGTTACCCACAA
GGGGTTGCGGCCTGGGACGCCAGCACATTTTCAGAACCCACCAGCAGCTCTGGGACCCCTCTGGGGA
CTCACTCTAGTGTGCAGCCTTCTCCAAGTGGCTGCCAGCTATGGAGGAGATTCTGAAAATTACGAGGA
AGATGATTTTGACAATGTGCTTAACCATCTCAGCGATGGGAAACACGAACCTCATGGATGCCAGCGAGCTG
GTGGCTGAGATCAACAACTGCTTCAAGACGTCCGCCAGAGCTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_130448

Insert Size:

3405 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_130448.3</u> , <u>NP_569715.3</u>
RefSeq Size:	5168 bp
RefSeq ORF:	3405 bp
Locus ID:	73173
UniProt ID:	<u>Q8VHR0</u>
Cytogenetics:	3 C
Gene Summary:	Potential calcium-dependent cell-adhesion protein.[UniProtKB/Swiss-Prot Function]