

Product datasheet for MR211722

Pcdh17 (NM_001013753) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Pcdh17 (NM_001013753) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Pcdh17
Synonyms: C030033F14Rik; Gm78
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR211722 representing NM_001013753
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTACCTTTCCATCTGTTGCTGCTTCCTTTTGTGGGCCCTGCCCTGACACTCAAAAACCTCAATTACT
 CAGTGCCAGAGGAGCAAGGGGCCGACGGTATTGGCAACATCGGAAGGATGCCCGACTGCAGCCGG
 GCTTCCCGCGGTGAGCGCGGCAGCGGCAGCGGGAGGAGCAAGTCTGGCAGTTACCGGTGCTGGAGAAC
 TCCGCACCGCATCTGCTGGACGTGGACGCCGACAGCGGGCTCCTACACCAAACAGCGCATCGACCGT
 AGTCCTTATGCCGCCACAATGCCAAGTCCAGCTCTCCCTAGAGGTTTTGCTAACGACAAGGAGATTTG
 CATGATCAAGGTAGAGATCCAGGACATCAACGACAACGCTCCCTTTCCCTCGGATCAGATAGAAATG
 GACATCTCAGAGAACCGGCACCCGGCACCCGCTTCCCCCTCACGAGCGCACACGCCAGACGCTGGCG
 AGAACGGGCTCCGCACCTATCTGCTCACCCGCGATGATCATGGCCTCTTTGCCCTGGACGTCAAGTCCC
 CGGCGACGGCACCAAGTCCCAGAGCTGGTTCATCCAAAAGGCACTGGACCGCGAGCTGCAGAACCACC
 ACTCTGGTGTGACCGCCCTAGATGGCGGGGAGCCTCCACGCTCCGCCACCGTACAGATCAATGTGAAG
 TGATCGATTCCAATGACAACAGTCCAGTCTTCGAGGCTCCGTCACTTGGTGAAGTCCCAACGGAGAAGT
 TCCACTGGGTACCGTGGTCATTGATTTGAACGCCACTGATGCTGATGAAGTCCCAACGGAGAAGTCCCT
 TACTCCTCAGCAGCTATGTGCCGACCGCGTGGGGAGCTCTTCCATCGATCCTAAAACGGCCTGA
 TCCGCGTTAAGGGCAACCTGGACTATGAGGAGAACGGCATGTTGGAGATCGACGTGACGGCCAGAGACCT
 AGGACCTAACCCAAATCCCAGCCACTGCAAGGTCACAGTCAAGCTTATCGACCGGAACGATAACGGGCC
 TCCATTGGTTTCGCTCCGTGCGCCAGGGGGCGCTGAGTGAGGCCGCCCGCCCGGCACAGTATCGCCC
 TAGTGCGGGTCACTGACCGGGACTCAGGCAAGAATGGGCAGTTTCAGTGTGCGGTTCTAGGTGGAGGAG
 GACTGGAGGTGGCTGGGGGTCCCGTTCCGTCCTTCAAGCTTGAAGAGAATGACAACCTCTAT
 ACCGTGGTACTGACCGTCCACTGGACCGTGAGACACAAGACGAGTACAATGTGACCATTTGGCCCGGG
 ACGGGGGCTCCCTCCACTTAACTCCACCAAGTCTTCGCGTCAAGATTCTGGATGAGAATGACAATCC
 GCCTCGGTTACCAAAGGACTTTACGTGCTCAAGTACACGAGAACAACATTCCAGGAGAATACCTCGGG



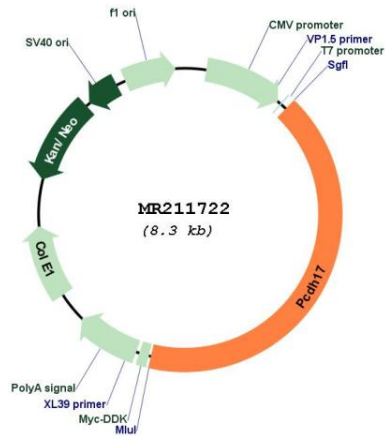
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TCAGTGCTAGCCAGGATCCCGACCTGGGCCAAAATGGGACAGTGCATACTCCATTCTTCCTTCACACA
TCGGCGACGTGTCTATTTACACCTATGTGTCCGTGAACCCCACTAACGGGGCCATATATGCCCTACGCTC
CTTTAACTATGAACAAACGAAGGCTTTTGAATTCAAAGTACTGGCTAAGGACTCAGGGGCGCCAGCGCAC
TTGGAGAGCAACGCCACGGTGAGGGTGACGGTTTTAGACGTGAACGACAACGCTCCAGTGATTGTGCTTC
CCACGCTACAGAAATGACACAGCTGAGCTGCAGGTCCCAGCAATGCTGGCCTGGGGTACCTGGTAAGCAC
CGTGCGCGCCCTGGACAGCGACTTTGGAGAGAGCGGGCGCCTCACCTATGAGATCGTGGATGGCAACGAT
GACCACCTGTTTTGAGATCGATCCGTCCAGCGGCAGATCCGCACGCTGCACCCCTTCTGGGAGGATGTGA
CCCCAGTGGTGGAGCTTGTGGTGAAGGTGACCGATCATGGCAAGCCACCCCTTCCGCTGTGGCCAACT
TATCATCCGCTCAGTGAGCGGCTCCCTGCCTGAAGGGTACCGGAGTGAATGGCGAGCAGCACCCTGG
GACATGTCCTGCCTCTCATAGTGACACTGAGCAGGATTTCTATCATCCTCCTAGCGGCCATGATACCA
TCGCTGTCAAGTGTAAACGGGAAAACAAGGAGATTCGCACTTACAACGCGCATCGCCGAGTACAGCCA
CCCTCAGTAGGGGGGGAAGGGCAAGAAGAAGAAAATCAACAAAAACGATATCATGCTGGTGCAGAGC
GAGGTGGAGGAGGAACGCCATGAACGTATGAACGTGGTGGAGCAGTCCCTCCCTGGCCACCTCCCCTA
TGTACTTCGACTACCAACCCGCTGCCCTCAGCTCGCCCCGGTCCAGAGGTGATGTATCTTAAGCCAGC
CTCCAACAACCTGACTGTCCCGAGGGGCACGCAGGCTGCCACACCAGCTTCACCGGACAAGGGACTAAT
TCGAGCGAGACCCTGCCACTCGGATGCCATAATTCAGACAGACAATTTCCCGCAGAGCCCAATTACA
TGGGCAGCAGGCAGCAGTTTTGTTCAAAGTAGTCCACGTTTAAGGACCCAGAAAAGAGCCAGCCTGAGAGA
CAGTGGGCACGGGGACAGCGATCAGGCGGACAGTGACCAAGACTAACAAAGGCTCCTGCTGTGACATG
TCGGTTAGGGAGGCACTCAAGATGAAAACACTTCAACTAAAAGTCAGCCACTCGAACAAGAACCAGAAG
AGTGCATTAATTGCACAGATGAATGCCGAGTGCTTGGTCATTCTGATAGGTGTTGGATGCCACAGTTCCC
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GAGACTGAGACTTACGAAACTGTGAATCCCACTGGGAAAAAGACTTTTTGTACATTTGGAAAAGACAAGC
GAGAGCACACTATTCTCATTGCCAATGTGAAACCTTATTTAAAAGCCAAACGTGCCCTGAGCCCTCCTCT
CCAAGAGTCCCCTCAGCATCTAGCAGCCCAACCAAGGCATGCATTGAGCCTTGCCGCTCAACAAAAGGC
TCCCTGGATGGCTGTGAAGCAAAACCTGGGCCCTTAGCAGAAGCAAGCAGCTCCTACCTGCCCACTGACA
GTCAGTACCCTTCACCCAGTAAGCAACCAAGAGACCCTTCCTTCATGGCTTCTGATCAGATGGCAAGGGT
CTTCGCGGATGTGATTCAGAGCCCGTAGGGCTTCCAGCGAGATGGGAGCTGTGTTGGAGCAGCTGGAG
CAGCCCAACAGGGATCTGGGCCGAGAGTCCGTGGATGCCGAAGAAGTTGTGAGAGAGATTGATAAGCTCT
TGCAGGACTGCCGGGAAATGACCCTGTGGCTGTGAGAAAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info</p>
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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_001013753.2</u> , <u>NP_001013775.2</u>
RefSeq Size:	9509 bp
RefSeq ORF:	3474 bp
Locus ID:	219228
Cytogenetics:	14 D3
MW:	126.6 kDa
Gene Summary:	<p>This gene belongs to the protocadherin gene family, a subfamily of the cadherin superfamily. The encoded protein contains six extracellular cadherin domains, a transmembrane domain, and a cytoplasmic tail differing from those of the classical cadherins. The encoded protein may play a role in the establishment and function of specific cell-cell connections in the brain. [provided by RefSeq, Sep 2009]</p>

Product images:



Circular map for MR211722