

## Product datasheet for **MC223753**

### **Pcdh19 (NM\_001105245) Mouse Untagged Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Pcdh19 (NM\_001105245) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Pcdh19  
**Synonyms:** B530002L05Rik; Gm717; mKIAA1313  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC223753 representing NM\_001105245  
**Red**=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGGAGTCTCTCCTGCTGCCGGTGCTATTGCTGCTGGCTGTACTGTGGACGCAGGCGGCTGCCCTGATTA  
ACCTTAAATACTCGGTGAAGAGGAGCAGCGCGCCGGGACGGTGATCGCTAACGTGGCCAAGGACGCGCG  
GGAGGCCGGCTTCGCGCTGGACCCCGACAGGCTTCTGCTTTCGCGTGGTGTCCAACCTCGGCTCCGCAC  
CTGGTGGACATCAACCCAGCTCGGGCCTCTTGGTCACCAAGCAGAAGATTGACCGAGACCTGCTGTGCC  
GCCAGAGCCCCAAGTGTATCATCTCGCTCGAGGTCATGTCCAGCTCAATGGAGATCTGTGTGATTAAGGT  
GGAGATCAAAGACCTGAACGACAATGCTCCCAGTTTTCCGGCCGACAGATAGAGCTGGAGATCTCTGAG  
GCAGCCAGCCCCGGCACCCGCATCCCAGTGGACAGTGCATATGACCCGGACTCCGGCAGCTTTGGTGTGC  
AGACCTACGAGCTCACGCCAACGAGCTGTTGGCCTGGAAATAAAGACGCGGGGTGACGGTTCGCGCTT  
TGCTGAAGTGGTGGGAGAAGAGCCTGGACCGTGAGACACAGTCACATTACAGCTTTCGATTACGGCT  
CTCGACGGAGGCGACCCACCACATGGGCACAGTTGGCCTCAGCATCAAGGTGACCGATTGCAATGACA  
ACAACCCAGTGTGGCGAGTCCACTACTCAGTGAGCGTGCCGAAAATTCACCTCCCAATACACCCGCT  
CATCCGCCTCAATGCCAGCGATCCAGATGAGGGCACCAATGGCCAAGTGGTCTATTCTTCTATGGTTAT  
GTCAATGACCGTACGCGTGAACCTTCCAAATTGACCCACACAGCGGCCCTGGTCAACCGTACCCGGTGC  
TAGACTATGAAGAGGGCCATGTGTACGAACTGGATGTGCAAGCCAAAGACCTGGGGCCCAACTCTATCCC  
TGCACACTGCAAAGTACAGTACGCGTACTTGTACTAATGACAACCCGCAATTATCAACCTCTGTGCG  
GTCAATAGCGAGCTTGTGGAGGTGAGCGAGAGCGCCCCCGGGCTATGTGATTGCCCTGGTTCGGGTGT  
CTGATCGCGACTCCGGGCTCAATGGACGTGTGCAGTGCCGCTTGTGGCAATGTCCCCTTCGACTGCA  
GGAGTATGAGAGCTTCTCCACTATTCTTGTGGATGGGAGGCTGGACCGAGAGCAGCATGACCAAGTACA  
CTCACTATTGAGGCTCGAGACAGCGGTGTCCATGCTGCAGAGTGCCAAGTCGTTCACTGTGCGTATCA  
CAGATGAGAATGACAACCCACACTTCTCCAAGCCTTACTACCAAGTATTGTACAGGAGAACAACAC  
TCTGTTGCTATCTGCTCTCAGTGTCTGCCCGGACCCCTGACATGGGTCTTAATGGCAGTGTCTCCTAT  
CAAATTGTGCCATCACAGGTGCGAGACATGCCAGTCTTCACTATGTCTCAATCAATCCCAACTCTGGT



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ACATCTATGCGCTCCGTTCCCTTTAACCATGAGCAGACCAAGGCGTTTGAATTC AAGGTCCTGGCCAAGGA
TGGCGGCTTGCCCTCCCTGCAAAGCAATGCCACTGTGAGGGTCATTATCCTCGACGTCAATGACAATACA
CCGGTCATCACTGCCCACTCTGATCAATGCCACTGCTGAGGTCTACATTCTCGAAACTCTGGCATAG
GCTATTTGGTGACTGTAGTTAAGGCAGACGATTATGATGAGGGCGAAAATGGCCGAGTACCTATGACAT
GACAGAAGGTGACCGAGGTTTCTCGAAATAGACCAGGTCAATGGAGAAGTCAGAACCACTCGTACCTTT
AATGAGAACTCCAAGCCTTCTATGAGCTTATAGTGGTGGCCATGACCATGGCAAGACATCTCTCTGTG
CTTCTGCCCTTGTCTTAATATACCTGTCCCGAGCTCTTGATGCCCAAGAGTCAATGGGCTCTGTGAACCT
ATCCCTGATTTTCATTATTGCTCTGGGCTCCATTGCGGGCATTCTCTTTGTCACTATGATCTTCGTGGCA
ATCAAATGCAAGCGTGACAACAAAGAGATCCGGACCTACAATTGCAGTAATTGTTTAACCATCACTTGTC
TCCTCGGCTGTTTTATAAAAAGGACAAAACAGCAAGTGTCTGCATTGCATCTCGGTTTCTCCCAATAGTGA
GGAGCAAGACAAAAGGCAGAGGAGAAAAGTGAAGGAAAGAGAATCGCTGAGTACTCTATGGG
CATCAAAGAAATCAAGTAAGAAGAAAAAATTAGTAAGAATGACATCCGCTTGTACCTCGGGACGTGG
AGGAGACAGACAAGATGAATGTTGTCAGTTGCTCCTCCCTTACTTCGTCCCTCACTATTTGACTACCA
CCAGCAGACACTGCCCTGGGCTGTGCTGCTCTGAGAGCACTTCTGATGTGGAGAACCAGAATACC
CGTAACACCCTGCCAGCCACATCTACCATCACTCCTTCAACAGCCAGGGCCACAGCAGCCAGACCTGA
TCATCAATGGTGTGCCCTGCCTGAGACTGAAAACCTATCTTTTGAAGTCTAACTACGTGAATAGCCGTGC
CCATTTAATCAAAGCAGCTCCACCTTCAAGGACCTAGAGGGCAACAGCCTGAAGGATAGTGGGCATGAG
GAGAGTGACCAGACTGACAGTGAGCATGATGTCCAGAGGAGCCTGACTGCGATACTGCTGTGAATGATG
TCCTGAACACCAGTGTGACTTCCATGGGATCTCAGATGCCTGACCATGACCAGAAATGAAGGATTTTCATTG
CAGGGAAGAATGCCGGATTCTTGGCCACTCTGATAGATGCTGGATGCCTCGGAATCCCATGCCACCCGC
TCCAAGTCACTGAGCACGTGAGGAACATCATCGCTCTGTCCATTGAAGTACTGCTGCTGATGTTGAGG
CTTATGACGACTGCGGCCCCACCAAGCGGACTTTCGCGACCTTGGAAAAGATGTCAGTAGCCACCGGGC
TGAGGAGCGTCCCATCCTGAAAAGGCAAGCGGACTGTGATGTGACCATCTGCAGCCCCAAAGTCAACAGC
GCTATCCGGGAGGCAGGCAATGGGTGTGAAGCTATTAGCCTGTACCTCCCCACTCCACCTGAAGAGCC
CTCTGCCACCAAGCCTTCTATATCTTACACCGTCCGCTGGCTCCTCCAGCTCACGATCTGGAGACCA
TGCCAACAGTGCGCCTCTCGTCTTCTGAGGCTGAGCCCCGTGGAGCCGACAACGAGAAAGTATGATGCAT
GAGGTCAACCCTATTCGGAAGGATGGTCGTGACAAGGAATCTCTAGCGTGAAGCGTCTGAAGGATATCG
TTCTCTAA
    
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AGCGGACCGACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC  
TGGATTACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-RsrII
- ACCN:** NM\_001105245
- Insert Size:** 3438 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.

**RefSeq:** [NM\\_001105245.1](#), [NP\\_001098715.1](#)

**RefSeq Size:** 10309 bp

**RefSeq ORF:** 3438 bp

**Locus ID:** 279653

**UniProt ID:** [Q80TF3](#)

**Cytogenetics:** X E3

**Gene Summary:** Potential calcium-dependent cell-adhesion protein.[UniProtKB/Swiss-Prot Function]