

## Product datasheet for **MC221620**

### **Cdh9 (NM\_009869) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Cdh9 (NM_009869) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cdh9
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**Fully Sequenced ORF:** >MC221620 representing NM\_009869  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGAGGACTTACAGTTGTCTTCAACTGGTCATCTGGACTTGCATTTTCCATATGGTTGACAACAGCACAT  
 TACAAGGAAAGGATAGCAGTCACCTCCTGAGAAGGATAGTGAATCTGAAAAGGATGAGGGTAAAATGCT  
 CCATCGTGCCAAGCGTGGCTGGATGTGGAATCAGTTCTTCTCCTTCTAGAAGAGTATACAGGTACAGACACT  
 CAGTATGTAGGAAAGCTTACACTGACCAAGATAAAGGAGATGGAAATTTAAAATACATTTTGACAGGAG  
 ATGGAGCTGGCAATCTGTTTGTATAGATGAAAATACAGGAGATATTCACGCTGCAAAGAGACTAGACAG  
 AGAAGAAAAATCTCTGTACATTTCTCGTGCCAAGGCTATAGACAGAAAGACCCGGACGACAAGTGGAGCCA  
 GAATCTGAGTTTATCATTAAAATCCATGATATTAATGACAATGAACCAAAATTCACGAAAGACCTGTACA  
 CAGCCAGTGTTCCTGAAATGTCTGGAGTTGGTACGTCTGTTATACAAGTAACTGCCACCGATGCAGATGA  
 TGCTAACTATGGGAACAGTGTCTAAAGTGGTCTACAGCATTCTGCAAGGGCAGCCATACTTTTCAGTGGAC  
 CCGGAATCAGGCATAATAAAGACTGCATTGCCAGACATGAGCAGAGAAAACAAAGAGCAGTACCAAGTTG  
 TTATTCAGGCTAAGGACATGGGTGGCCAGATGGGAGGCCCTCTCTGGCACCACCACAGTGAACATCACCCCT  
 AACAGATGTCAACAACAACCCCTCCTCGGTTCCACAGAGCACTTATCAGTTTAAATCTCTGGAGTCGGCA  
 CCTCTTGGAACTCATCTTGAAGGATAAAAAGCCAAATGACCCAGACATGGGGGAGAACGCCGAGCTGGAA  
 ATAGCATTGCAGAAGGAGAAGGATCAGACATGTTTGTATGATCACTGACAAAGATACACAGGAAGGGAT  
 CATAACTGTCAAACAGAAATTTAGATTTTGAAAAGAAAAATGTTGTACACTTAAAGAGTGGATGCAAGTAAT  
 ACCCACCTGATCCTCGATTCTTACACCTTGGACCTTCAAAGACTCAGCCATGGTTAAGATATCTGTGG  
 AAGATGTAGATGAGCCCCCTGTTCAGTAAGCTCTTACTTGTGGAAGTTGATGAAGATGTGAAGGA  
 GGGGAGCATCATCGGACAAGTACAGCATATGACCCAGATGCCATGAACAACATAATAAAAATACTCTGTG  
 GACCGCCATACTGATATGGACCGAGTTTTAGTATTCACTCAGAAAAATGGTTCTATCTTCACTCTGAAAC  
 CCCTGGATCGGGAATCATCCCCTTGGCATAACATCACCATTACAGCCACAGAGATAAATAACCCAAAAACA  
 AAGTAGCCAAATCCTGTCTTATCAGAATCCTTGATATAAATGATCATGCTCCAGAATTTGCCACTTAC  
 TATGAAACATTTGTTTGTGAAAATGCAAAGTCTGGCCAGTTGATCAAACATAAGTGTATGGACAAG  
 ATGATCCTCCTCGAGGACACAAGTTCTTCTTTGAGCCAGTGCCAGAAATTCCTCTAAACCCAACTTAC  
 AATTGTAGACAATAAAGATAATACAGCAGGAATGTAACTCGAAAAGATGGGTACAGCCGCAACAAAATG  
 AACACCTACCTACTGCCGTTTTAATCTTGCACAATGATTATCCTATTCAAAGCAGCACTGGCACACTCA  
 CGATCCGTGTGTGCGCATGCGATAACCTGGGGAACATGCAGTCCCTGCAATGCGGAGGCCCTGATGCTTGC  
 TGACGGCCTGAGCACAGGGGCGCTCATCGCTATTCCTTTGTGTGTCATCCTGCTTACTCTAATTGTA  
 CTGTTTGTGTCATTGAAGAGGCAACGAAAAAGGAGCCTCTGATCATTTCAAAGGATGACGTCCGGGACA  
 ATATTGTGACCTATAATGACGAAGGTGGTGGAGAGGAAGACACACAGGCTTTTGACATCGGCACATTAAG  
 GAATCCGGAAGCAAGAGAAGACAGTAAACTTAGAAGAGATGTCATGCCTGAAACTATTTTTCAGATAAGG  
 AGGACAGTACCCCTCTGGGAAAAATTGACGTACAAGATTTTATACACCGGAGACTGAAAGAAAACGACT  
 CAGACCAAGTGCACCGCCCTACGACTCCCTGGCCACTTATGCCTATGAAGGGAATGATTCTGTTGCCAA  
 TTCTCTCAGCTCCTTAGAATCTCTCACAGCTGATTGCAACCAGGATTATGATTACCTTAGCGACTGGGGA  
 CCTCGGTTCAAAAACTCGCAGAAATGTATGGGGTAACGACAGTGATCTGAAC**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_009869  
**Insert Size:** 2367 bp

**OTI Disclaimer:** 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](mailto:custsupport@origene.com) or by calling 301.340.3188 option 3 for pricing and delivery.

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](#)

**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\\_009869.1](#), [NP\\_033999.1](#)

**RefSeq Size:** 2903 bp

**RefSeq ORF:** 2367 bp

**Locus ID:** 12565

**Cytogenetics:** 15 A2