

Product datasheet for **MC206534**

Cdh2 (BC022107) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cdh2 (BC022107) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cdh2
Synonyms:	N-cadherin, CDHN
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC022107
 CCCACGCGTCCGGCCGCTGCCGCTTCTGCTGCCTCTGCTGCCGCCGCCGCCGCTCCGGCTCCTCGCTCG
 GCCCTCTCCGCCTCCATGTGCCGGATAGCGGGAGCGCCGCGGACCCTGCTGCCGCTTCTGGCGGCTTG
 CTTCAGGCGTCTGTGGAGGCTTCTGGTGAATTCATTATGCAAGACTGGATTTCTGAAGATGTTTACA
 GCGCAGTCTTACCGAAGGATGTGCACGAAGGACAGCCCTTCTCAATGTGAAATTCAGCAACTGCAATAG
 AAAAAGGAAAGTTCAGTATGAAAGCAGCGAGCCAGCAGATTTCAAGGTGGACGAGGACGGCACGGTGTAT
 GCTGTGAGAAGCTTCCCTCTCACTGCAGAGCAGGCAAAGTTCTGATATATGCCAAAGACAAAGAAACCC
 AGGAAAAGTGGCAGGTAGCTGTAACCTGAGCCGGGAGCCAACCTGACTGAGGAGCCTATGAAGGAACC
 ACATGAAATTGAAGAAATAGTATTCCCTAGACAACCTGCCAAGCACAGTGGAGCTCTACAAGGCAGAAG
 AGAGACTGGGTACATCCCGCCAATCAACTTGCCAGAAAACCTCCAGAGGACCCTTCTCAAGAGCTTGTC
 GAATCAGGTCTGATAGAGATAAAAACTTTCCCTGAGATACAGCGTCACTGGGCCAGGAGCTGACCAGCC
 TCCAACGGGCATCTTATTATCAACCCATCTCAGGACAGCTGTCAGTCAAAAGCCTCTGGATCGAGAG
 CTGATAGCCCGTTTCACTTGAGAGCACATGCAGTGGACATCAATGGCAATCAAGTGGAGAACCCCATG
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 GTCATCACGGTGACAGATGTCAATGACAATCCTCCAGAGTTTACTGCCATGACTTTCTACGGAGAAGTCC
 CTGAGAACAGGGTGGACGTCAATGTAGCCAACCTAACTGTACGGACAAAGATCAGCCCCACACGCCGGC
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 TCAGATACACAAAATTGTCTGATCCTGCCAACTGGCTGAAAATAGACCCCGTGAATGGGCAGATCACTAC
 TATTGCCGTTTTGGACAGAGAATCGCCAAATGTAAAAACAACATCTATAATGCTACCTTCTTGTCTTCT
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 ACTTGATTATGACATAGACCCAAACGCCGGCCATTGCGGTTTGATCTTCCCTTATCTCCAGTGACTATT
 AAAAGAACTGGACCATCAACCGCTTAAATGGTGATTTTGTCTCAGCTCAATTTAAAGATAAAATTTTGG
 AAGCTGGTATCTATGAAGTTCCCATCATTATCACAGATTAGGGAATCCCCCAAGTCCAACATTTCCAT
 CCTGCGTGTGAAAGTTTGCCAGTGTGACTCCAATGGAGACTGCACGGACGTGGACAGGATCGTGGGTGCA
 GGGCTTGGCACGGGTGCCATCATCGCTATCCTTCTGTGTATCATCATCCTGCTGATCCTTGTCTCATGT
 TTGTGGTATGGATGAAACGGCGGGATAAAGAGCGCCAAGCCAAGCAGCTTTAATTGACCAGAAGATGA
 TGTAAGAGATAATATATTGAAATATGATGAAGAAGGTGGAGGAGAAGAAGACCAGGACTATGACTTGAGC
 CAGCTCCAGCAACCAGATACTGTGGAGCCTGATGCCATCAAGCCCGTGGGAATCAGACGGCTAGACGAGA
 GGCCTATCCATGCTGAGCCACAGTACCCAGTCCGATCCGACGCCCCACACCCTGGGGATATTGGGGACTT
 CATTAATGAGGGCCTTAAAGCTGCTGACAACACCCACGGCCACCCTGATGACTCCCTTATGCTTTT
 GACTACGAGGGCAGCGGCTCCACGGCTGGCTCCTTGAGCTCCCTCAACTCCTCCAGTAGCGGTGGGGACC
 AGGACTATGACTACCTGAATGACTGGGGACCCGCTTCAAGAACTGGCGGACATGTACGGCGGTGGTGA
 CGACTGAACGGCAGGACGGACTTGGCTTTTGGACAAGTATGAACAGTTTACCTGATATTTCCAAAAAAA
 AGCATACAGAAGCTAGGCTTTAACTCTGTAGTCCACTAGCACCGTGTGCTGGAGGCTTTGGCGTAGGC
 TGCGAACCAGTTTGGGCTCCCAGGGAATATCAGTATCCAATACTGTCTGGAAAACCCGAGCTCAGCTA
 CACTTGAATTTTACAGTAAAGAAGCACTGGGATTTATGTGCTTTTGTACCTTTTTCAGATTGGAATTA
 GTTTTCTGTTAAGGCTTAAATGGTACTGATTTCTGAAATGATAAGGAAAAGACAAAATATTTTGTGGCG
 GGAGCAGAAAGTTAAATGTGATACGCTTCAACCCACTTTTGTACATGCATTTGCTTTTGTTAAGATAC
 AGAACGAAAACAACAGATTAAAAAAAATTAACCTAAAAAAAATTA

Restriction Sites: EcoRI-NotI

ACCN: BC022107

Insert Size:	2721 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>BC022107</u> , <u>AAH22107</u>
RefSeq Size:	3269 bp
RefSeq ORF:	2721 bp
Locus ID:	12558
Cytogenetics:	18 10.1 cM
Gene Summary:	This gene encodes a member of the cadherin family of calcium-dependent glycoproteins that mediate cell adhesion. The encoded preproprotein undergoes proteolytic processing to generate a mature protein. Mice lacking the encoded protein exhibit severe developmental defects resulting in embryonic death. [provided by RefSeq, Oct 2015]