

Product datasheet for **MC201176**

Cdh16 (NM_007663) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cdh16 (NM_007663) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cdh16
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF:

>BC015251 sequence for NM_007663

GCCTCGCCCCACCTAAGCCAAATTTGCCAGAGCTCCCTGAAGAAGGATTCTTTTCTCTGGAAACTGGAC
CAAGGGAGAGGCTTTGGGCATCTGAAGGTCTGCCTTGACCATGATCTCTGCCGGCCGTGGCTACTTTAC
CTCTCTGTTATTCAAGCCTTTCACCACTGAGGCCAGCCTGCAGAAAGCCTGCACACAGAAGTCCCTGAAA
ACTATGTTGAAATTTCCCTTTTTACATACTCAAGCTACCACTACCCCTGGGGAGAGATGAAGGCCACAT
TGTCCTATCAGGAGACTCAAACACGGCAGATCAAAACACCTTTGCTGTGGACACAGACTCTGGCTTTCTA
GTGGCGACAAGGACCCTGGACCGGAAGAGAAAGCAGAAATACCAACTACAGGTCACCTTGGAGTCTGAGG
ATGGACGTATCTTGTGGGGTCCACAGCTTGTGACTGTGCATGTGAAAGATGAGAATGACCAGGTACCCCA
ATTCTCCCAGGCCATCTACAGAGCTCAGCTGAGCCAGGGCACCAGGCCTGGGGTCCCCCTTCTCTTCTCT
GAGGCTTCTGATGGGGAGTCACCAAGGCACAGTAACTCCGACCTTCGGTTCACATCTTGAGGCCAGTCCC
CACTCAGCCTTTACCAGACATGTTCCAGCTGGACCCTCACTAGGGGCTCTGGCTCTTAGTCCCGACTGG
AAGCACCAGCCTTAGACCATGCCCTTGAAGAGAGCTTACCAGCTATTGGTACAGGTCAAGGACATGGGTGAC
CAGCCTTCAGGCCACCAGGCTATTGCAACTGTAGAGATCTCCATAGTAGAGAACAGCTGGGCACCCCTAG
AGCCTGTTCACTGGCAGAGAATCTCAAAGTTGTGTACCCACACAGCATTGCCAGGTGCACTGGAGTGG
AGGAGACGTGCACTACCAGCTGGAGAGCCAGCCTCCAGGACCCTTCGATGTGGATACAGAGGGGATGCTC
CATGTTACCATGGAGCTGGACCGGGAGGCCAGGCTGAGTACCAGCTCCAAGTCCGAGCTCAGAAATCCC
ATGGTGAGGACTACGCAGAACCCCTGGAGTTGCAGGTGGTGGTATGGATGAAAACGACAATGCACCTGT
CTGCTCCCACATGACCAACAGTCAACATCCCTGAGCTCAGCCCCCAGGAACTGAAATAGCCAGGCTC
TCAGCAGAGGATTTGGATGCCCTGGGTACCCAATTCCACATTTGATATCAGTTGTTGAGCCCTGAGC
CTGAGGAGGGGGCTGAAAACAAAGCCTTCGAGTTAGATCCGACCTCAGGCAGTGTAACTGCGAACTGC
CCCACTCCATGCTGGCCAGAGTATCCTGCTTCAGGTGCTGGCTGTTGACCTAGCAGGATCAGAGAGTGGC
CTCAGCAGCACATGTGAGGTGACAGTCATGGTGACAGACGTCAACAACCATGCCCTGAGTTATCAAT
CCCAGATTGGGCTGTAACTCTTCTGAGGATGTAAAACCTGGGGCTCTGGTGGCAACACTCATGGCCAC
TGATGCTGACCTTGAACCTGCCCTCCGCCTTATGGACTTTGCCATTGAAGAAGGAGACCCAGAAGGGATC
TTTGACCTGTCTCTGGGAGGAGCTCCGACCATGTCCAGCTCAGACTCCGGAAGAACCTCAGCTATGAGG
CAGCTCCTGATCACAAGGTGGTGGTGGTCTGAGTAAACATAGAAGACTGGTGGGCCAGGCCAGGCC
TCAGCCACAGCCACAGTGACTATACTAGTGGAGAGGGTGGTGGTCCCTCAAGTTGGACACAGGAGAGC
TATGAGACCAGCATCCAGTCAGCACCCAGCTGGCTCCCTCCTGCTGACCATCCAGCCCTCAGACCCCA
TGAGCAGAACCCCTCAGGTTCTCCCTGGTCAATGACTCAGAGGGCTGGCTCTGTATCAAGGAGGTGTCTGG
GGAGGTACACACAGCCAGTCCCTGCAGGGTGCCAGCCTGGAGACACATACACAGTGCTTGTGGAGGCC
CAAGACACAGATAAGCCAGGACTGAGCACTTCTGCCACTGTTGTGATCCACTTCTGAAGGCCCTCCTG
TCCCAGCATTGACTCTGTCTGCTGGGCCAGCCGACACCTCTGTACACCCGCCAAGACTACGGTGTAGT
TGTGAGTGGGGTCAGTGAGGACCCTGACCTAGCCAACAGGAATGGTCCCTACAGCTTTGCTCTCGGTCCC
AATCCCACTGTGCAGCGGGATTGGCGCCTCCAGCCTCTCAACGATTCCCACGCCTACCTACCTTGGCAT
TGCATTGGGTAGAGCCTGGTGAATACATGGTACCTGTGGTTGTCCACCATGATACCCATATGTGGCAACT
CCAGGTCAAAGTGATTGTGTGCTGCTGCAACGTGGAAGGCCAATGTATGCGCAAGGTGGGTGCGATGAAG
GGAATGCCCACGAAACTGTGAGCGGTGGGTGTCTCTTGGGCACCCTGGCAGCGATAGGCTTCATTCTCA
TTCTTGTGTTTACGCACCTGGCCCTGGCAAGGAAGGACCTGGATCAGCCAGCAGACAGCGTGCCTCTGAA
GGCAGCGGTGTGAATGATCCAAGCAGCCCACTGGGAGGTTGGCCCCAGCTCCCTCTGAATCACTGAG
AAAGACCCCACTACCAAGATGCTGAGCTGGGACCAAGACAGATAAAAGCCCTTCACCTTGTGGAGTGAA
GACATTATCACAGGCATGTCCCCAAAGCCTGAGCAGCTACTTTATTGGGATGACCATGGGAACACTCCAAA
TGGCAGCTCTTTGTCCAATAAAGGCTCAGAGAGCTAGACTGGACCTGTAAAAAAAAAAAAAAAAAAAA

Restriction Sites:

RsrII-NotI

ACCN:

NM_007663

Insert Size:

2493 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>BC015251</u> , <u>AAH15251</u>
RefSeq Size:	2864 bp
RefSeq ORF:	2493 bp
Locus ID:	12556
UniProt ID:	<u>O88338</u>
Cytogenetics:	8 53.04 cM
Gene Summary:	Cadherins are calcium-dependent cell adhesion proteins. They preferentially interact with themselves in a homophilic manner in connecting cells; cadherins may thus contribute to the sorting of heterogeneous cell types.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1).