

Product datasheet for **RN201677**

C2cd2l (NM_001011996) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C2cd2l (NM_001011996) Rat Untagged Clone
Tag:	Tag Free
Symbol:	C2cd2l
Synonyms:	Tmem24
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN201677 representing NM_001011996
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGATCCAGACTGGGGCAGCGGGATGTGGGCTGGGCGGCCCTGCTGGTCTCTTCGCGCCTCGCTGC
 TCACGGTATTGGGCTGGTTGCTGCAGTATGCCCGGGTTTGTGGCTGTCGCGAGCCGGTGGGGCCGAGA
 CTCTCGACCCGCTTCAGCTGCCGAGCCCGGGTTTATTGCGCGAGCTGGGTGTGTGGCGTTGCTGCTG
 CGTTTGGGGGACCCGGAGCAGCGCCCCGAGGAAGCCGGCGTACGGGGCTCTGGCTTCGCTCTTTG
 CCTTCAAGTCTTCCGGGAGAAGTGGCAACGGGCTTGGGTGCGAGCCTTGAATGAGCAGGCTGCAGGGA
 CGGGAGCTCCATCCAATCGCCTTTGAGGAGATACCCCACTCCACCAAGAGCCAGCATTAGTCATGTG
 ACCTGCGTTGACCAATCAGAGCGTACCATGGTGTGACTGCCAGCTGGCTGCTGAGGAGGTGCGCTTCC
 CCATCTCCGTGACCCAGCAGTCCCCGCTGCCGTCTCCATGGAGACCTACCACGTCCTGACACTGCC
 ACCAACACAGTTGGAAGTCAGCCTTGAGAAATCCCTGATGAGGGGCTGTGGTGTCTGGCCTTCACG
 GACCGCCAGATCTCAGCCTGAAGGTGCTTCCCAAGTCTCAGACTAGGGAGAGAGATGAGGAACAACAG
 AGCTTTCAACAGTTGAGGAACTGATCAAGGACGCTATCGTCAGCACTCAGCCCGCATGATGGTCAACCT
 CAGGGCCTGCTCTGCCCCAGGAGGCTGGTACCCAGTGAGAAGCCACCCAGATGTCCCAGGCCAGCCA
 TCCATCCCCAGACCTACCCGACTATTCTTACGGCAGCTTCGAGCATCTCACCTGGGAAGTGAGTAGGAG
 GTACTGAGGAAGTGTGCTGTGCTGAGCTTGACAACCCATGCAACAGAAGTGGACCAAAACCCACAAG
 GGCTGGCTCTGAGGTGGAATGGGAGAGGATTTAGCTCTGGATCTGGGTCCCCAGAGCCGGGAGCTGACC
 CTCAAAGTCTCAGGAGCAGCAGTTGTGGAGATGCTGAACTCCTGGCCAAGCCACACTGCCTGTGGGT
 CACCTTCAAACCACTGTACGGAGGCAAGTGTCCACTGACTCCAGGGCCCGGAAATCCCTGAGCCC
 AGCGGCCATCGTGACAGTGGAGCTACACTATGAGCAGGGCTCTCCTCGGAATCTGGGCACGCCACCTCT
 TCCACCCCTCGCCCAGCATCACACCCACCAAGAAGATTGAGTTGACCGGACCATCATGCCTGATGGCA
 CAATCGTCACCACTGTTACTACTGTGCACTCCCGCCCGTGTAGATGGCAAAGTACTCCCTCCCG
 CTCCCGTCCAAGGTGGAGGTGACTGAGAAGATGACAAGTGTGCTGAGTGAGAGCAGCGGCCAGCAAT
 GCCTCCACAGTAGCAGCCGGGAGAGCCACCTTCCAATGGCTTGGATCCAGTAGCAGAGACAGCAATCC
 GCCAGCTGACGGAGCCAGTGGGCGGCAGCCAAGAAGACACCCACCAAGCGCAGCAGCTCATCATCTC
 TGGTGTTCCAAGGTGCCATCGCTCAGGACGAGTTGGCACTCTCCTGGGTTATGCAGCATCTCTGGAA
 GCCTCAATGCAAGATGATGCAGGAGCCAGTGGTGGTCTTCATCACCTCCCTCAGACCCCTCAGCCACAT
 CCCAGGACCCGTTGATGCTCTCTCCAGTCCCACAAGTGTCCAGGAAGCAGACGAGACAACAGTTCAGA
 CATTCTGAGAGGCCGTGGTGGATGATGTTGAGTCAGAAACAGGGTCTACTGGTGCCCTGGAGACCCGA
 AGCCTCAAGGATCACAAGTGAAGTTTCTGCGAAGTGGCACTAAGCTCATCTTCCGCCGGCGCCCCGAC
 AGAAGGAAGCGGGTCTGAGCCAGTCGCACGATGACCTGTCCAACACAACAGCCACACCTAGTGTCCGGAA
 GAAGGCTGGCAGCTTTCCCGTCGCCTTATCAAGCGTTTTTCTTCAAGTCCAACCCAAGGCCAATGGC
 AACCTAGCCCCAGCT**CTGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001011996

Insert Size: 2121 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>NM_001011996.1, NP_001011996.1</u>
RefSeq Size:	3367 bp
RefSeq ORF:	2121 bp
Locus ID:	300666
Cytogenetics:	8q22