

## Product datasheet for MC206529

### Chrdl2 (BC019399) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Chrdl2 (BC019399) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Chrdl2  
**Synonyms:** 1810022C01Rik; Chl2  
**Mammalian Cell Selection:** Neomycin  
**Vector:** PCMV6-Kan/Neo (PCMV6KN)  
**E. coli Selection:** Kanamycin (25 ug/mL)

**Fully Sequenced ORF:** >BC019399  
 CTCTTCATCTTTGCTTTTCCGACTCCTCAAGCAGCGGTCTACTTGGTCTCTGAGGACTTACTTGTGTC  
 CTTATCTCACTTTCTCCGGCTCATCCCGGGTGTCTGACCTTGGGACAAGGAAGGATGGTTCCCGGGG  
 TGAGGATCATCCCTCTTTGCTGGGACTCGTGATTTCTGGCTCCCGTTGGACTACAAGCACGATCCCG  
 CTCGGGCAAAGTCTGCCTTTTCGGTGAAAAGATATATACCCCGCCAGAGCTGGCACCCCTACTTGGAA  
 CCACAAGGCACGATATACTGCGTGCGCTGTACCTGCTCTGAGAATGGACATGTGAATTGTTACCGCTCC  
 GCTGCCACCCCTTCACTGCTCACAGCCTGTGATGGAGCCACAGCAATGCTGTCCAGGTGTGTGGATCC  
 TCATGTCCCTCTGGCCTCCGAGTTCCCTAAAGTCTGCCAGCTCAATGAGACCACATACCAACATGGA  
 GAGATCTTCAGTGCCAGGAGCTGTTCCCTGCCGCTGTCCAACAGTGTGTCTGTAGCTGTATTG  
 AAGGCCACACTTACTGTGGTCTCATGACCTGTCTGAACCCAGCTGCCCCACCACACTCCCTCTGCCTGA  
 TTCCTGTGTGACACCTGCAAAGACAGGACAAGTGAAGCTCCACAGAAGAAAATTGACACAGCTGCAG  
 CATGGAGAGAGACATTCCAGGATCCATGCTCGGAGAGGAGAGGCCCCAGCACGCCAGCCCCACCAGCC  
 TCAGCTCCCTCTGGGCTTCATCCCTCGCCACTTCCAGTCAAGTGAAGTGGGAGCAACAACCATCAAGAT  
 TATCTTGAAGGAGAAACATAAAAAAGCTTGACACACAATGGGAAGACATACTCCCATGGGGAGGTGTGG  
 CACCCCACTGTGCTCTCCTTTGGCCCCATGCCCTGCATCCTGTGCACATGTATCGATGGCTACCAGGACT  
 GCCACCGTGTGACCTGCCCCACCAATATCCCTGCAGTCAACCAAGAAAGTGGCTGGGAAGTGTGCAA  
 GATCTGCCAGAGGACGAGGCGGAAGATGACCACAGTGAAGTCAATTTCCACCCGGTGTCCAAGGTACCA  
 GGCCAGTTCATGTGTACACGTTGGCATCTCCAAGCCCAGACAGCCTACACCGCTTTGCTCTGGAGCATG  
 AAGCCTCTGACCAGGTAGAGATGTACATTTGGAAGCTGGTGAAGGAATCTACCCTTGGTTCAGATCAA  
 GAGATCAGGAAGCAAGATTTCCAGAAAGAGGCTCAGAATTTCCGGCTGCTCACCCGACCCATGAAGGT  
 TACTGGACCGTCTTCTAGCCCAGACTCCAGAGCTGAAAGTTACAGCCAGCCCAGACAAAGTGACCAAGA  
 CATTATAGCAAGGACCTAAAGAGTTGCAGATACGAGTTTTATTGGTTTTGTTATTATATATTAATAAAGA  
 AGTCGCATTACCCTCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** EcoRI-NotI  
**ACCN:** BC019399



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<b>Insert Size:</b>	1281 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">BC019399</a></u> , <u><a href="#">AAH19399</a></u>
<b>RefSeq Size:</b>	1516 bp
<b>RefSeq ORF:</b>	1281 bp
<b>Locus ID:</b>	69121
<b>Cytogenetics:</b>	7 E2
<b>Gene Summary:</b>	Implicated in tumor angiogenesis (By similarity). May inhibits BMPs activity by blocking their interaction with their receptors. Has a negative regulator effect on the cartilage formation/regeneration from immature mesenchymal cells, by preventing or reducing the rate of matrix accumulation. May play a role during myoblast and osteoblast differentiation, and maturation.[UniProtKB/Swiss-Prot Function]