

## Product datasheet for **RN211707**

### Chrdl2 (NM\_001107537) Rat Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Chrdl2 (NM\_001107537) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Chrdl2  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >RN211707 representing NM\_001107537  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGTTCCAGGGTGAGGATCATCCCCTCTTTGCTGGGACTCGTGATGTTCTGGCTCCCCTGGACTCGC  
AAGCCCAGCCCCCAGGCAAGGCTGCCTTTTCGGTGAAAAGATATATACCCCTGGCCAGAGCTGGCA  
CCCGTACTTGGAACCTCAAGGCAGATATACTGTGTGCGCTGTACCTGCTCTGAGAATGGCCACGTGAAT  
TGTTACCGCCTCCGATGCCACCCCTCCACTGCTCACAGCCTGTGATGGAGCCGCAACAGTGCTGTCCCA  
GGTGTGTGGATCCTCGTGTCCCCTCCGGCTCCGGTTCTCTGAAGTCGTGCCAGCTCAATGAGACCAC  
ATACCAACACGGAGAGATCTTCAGTGCCAGGAGCTGTTCCCGCCCGCCTGTCCAACAGTGTGCCTG  
TGTAGCTGTATTGAGGGCCACACTTACTGCGGTCTCATGACCTGCCCTGAACCCAGCTGCCCCAGCACAC  
TCCCTCTGCCTGATTCTGCTGTCAGACATGCAAAGACAGGACAACGGAGAGTTCCTACTGAAGAAACTT  
GACACAGTTGCAGCACGGAGAGAGACATCCCAGGATCCATGTTTCAGATGATGGAAAGAGGAGAGGCCCC  
AGTACGCCAGCCCCTACCAGCCTCAGCTCCCCTCTGGGCTTCATCCCTCGCCACTTCCAGGCAATAGGGA  
TGGCGGCACTACTATCAAGATTATCTGAAGGAGAAACATAAAGAAAGCTGCACACACAATGGGAAGAC  
ATACTCCCATGGGAGGTGTGGCACCCCTACTGTGCTCTCCTTCGGCCCATGCCCCTGCATCCTGTGCACT  
TGTATGGATGGCTACCAAGACTGCCACCGTGTGACCTGCCCCACCAATATCCCTGCAGTCAACCAAGA  
AAGTGGCTGGGAAGTGTGCAAGACCTGCCAGAGGATGAGGCGGATGACGAGCACAGTGAGGTCATTTTC  
CACCCGGTGTCCCAAGGTACCAGGCCAGTTCATGTGTACACATTGGTATCTCCAAGCCCAGACAGCCTA  
CACCGCTTTGTCTGGAACACGAAGCCTCTGACCAGGTAGAGATGTACATCTGGAGGCTGGTGAAGGAA  
TCTACCACTTGATTGAGTCAAGAGAGTCAGGAAGCAAGATTTCCAGAAAGAGGCTCAGAAGTCCCGGCT  
GCTCACCGCACCCATGAAGGTTACTGGACCGTCTTCTAGCCCCAGACTCCAGAGTTGAAAGTTACAGCC  
AGCCCAGACAAAGTGACCAGGACATTAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI



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<b>ACCN:</b>	NM_001107537
<b>Insert Size:</b>	1290 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>NM_001107537.1, NP_001101007.1</u>
<b>RefSeq Size:</b>	1529 bp
<b>RefSeq ORF:</b>	1290 bp
<b>Locus ID:</b>	308854
<b>Cytogenetics:</b>	1q32