

Product datasheet for **RN207607**

Chrdl1 (NM_199502) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Chrdl1 (NM_199502) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Chrdl1
Synonyms:	Kjr; Neurogenesis-1; Ng1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN207607 representing NM_199502
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGTTTTCTCCACCCACTTTTGTAGTCCCCCTCCCCCTTCGCGCGCACTCAAGTTCTCGCCACAACC
 TCGAGACCCAGACCTCGGAGGAGCGCCACAGGAGCTCAGAGCGTGTGCAAGCGTGGCAGAAGGAAGAG
 GCCAGTGCCAGCTTTAGCCACCACTAGGAGTCTCTGAGCTGCATTTTGCAGTAGCTCAAAGGAGA
 AGAGAGTGGAAAATGGAAGGCATAAAATATATCGCCTCCTTGGTTTTCTTTGTTTTCTGGAAGCAA
 GCAAAACAGAGCCAGTAAACACTCAGAGACATATTGCATGTTTCAAGACAAGAAGTATAGAGTTGGTGA
 GAAATGGCATCCCTACCTGGAACCATATGGACTGGTTTACTGTGTGAAGTGCATCTGCTCAGAGAATGGG
 AATGTGCTTTCAGCCGAGTCAAGTGTCCAACCTTTCATTGCCTTTCACCCGTGCATATTCCTCATCTGT
 GTTGCCCCGTTGCCAGACTCCTTACCACCGATGAACAGTAAGGTGACCAGCAAGTCTCGGAATACAA
 TGGGACCACCTACCAACCGGAGAGCTTTCATAGCTGAAGGGCTTTTCAGAACCGGCAGCCCAATCAG
 TGCAGTCAAGTGCAGCTGCTCGGAGGGGAATGTGTATTGTGGTCTCAAGACTTGCCCAAACTGACCTGTG
 CATTCCAGTCTCTGTTCCAGATTCTGCTGCCGAGTATGCAGAGGGGATGGAGAATTATCATGGGAACA
 TTCTGATGCTGATATCTCCGGCAACCTGCCAACAGAGAAGCAAGACATTCTTACCTCCGTTCCCCCTAC
 GATCCTCCACCAAGCAGACAAGCTGGAGGTCTTCCCGCTTTGCTGGGAGCAGAAGTCAACGGGGAGCTG
 TCATTGATTCTCAGCAAGCATCAGGGACCATCGTGCAGATCGTCATCAATAACAAGCACAAAATGGACA
 AGTGTGTGTTTCAATGGAAAGACCTATTCTCACGGAGAATCCTGGCATCCAAATCTACGAGCTTTTGGC
 ATGTGGAATGTGTTCTATGCACCTGTAATGTCACCAAGCAAGAATGTAAGAAAACTCACTGCCCAATC
 GATACCCCTGCAAGTATCCTCAAAAATTAGATGGAAAGTGTGCAAGGTGTGCCAGAAGAACCTCAAG
 TCAAAACTTTGACAGCAAAGGTTCTTTTGTGGAGAAGAAACCATGCCTGTATATAGGCTGTGCTCGTG
 GAGGATGGAGAGACAGCCAGAAAAGTAGCACTGGAGACCGAGAAACCTCAAGTAGAGGTTCCAGTGT
 GGACTATTCGAAAGGGCATTCTCCAGCACTTCCACATTGAGAAGATTTCAAGGAGATGTTTGGGGTCT
 CCATCATTTCAAGCTGGTACTCGAACCACCATGAACAGTGAAGATCTTCGCTGAAGGAGAAGCTCAG
 CTCAGCCAGATGTCTCAAGTCGGGTGTGCAGAACAGAACTGGAAGATTTGGTCCAGTTTTGTACCTGG
 AGAGACCTGAAAAGGACCACTGT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_199502

Insert Size: 1566 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.

RefSeq: [NM_199502.1](#), [NP_955796.1](#)

RefSeq Size: 4141 bp

RefSeq ORF: 1566 bp

Locus ID: 363455

UniProt ID: [Q76LD0](#)

Cytogenetics: Xq33

Gene Summary: plays a role in neuronal differentiation; inhibits glial cell fate determination in neural stem cells [RGD, Feb 2006]