

Product datasheet for **RN217355**

Chrd (NM_057134) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Chrd (NM_057134) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Chrd
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN217355 representing NM_057134
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGCCGAGCTCCCGGCCCGCCGGCCCTCGGCTGCTCCTCGGGCTGCTGCTGCTCGGCTCGCGGCCGG
 CCGGTGGCACTGGCCCTGAGGCCCGCACTGCCCATCCGTTCCGAGAAGGAGCCACTGCCTGTCCGGGG
 AGCGGCAGGCTGCTCCTTCGCGCGGAAGGTCTATGCCTTGGACGAGACGTGGCACCCGGACCTGGGGGAG
 CCTTTGGGGTGTGCGCTGTGTGCTGTGCGCCTGCGAAGCGCCTCAGTGGGCTCGCCGTGGGAGGGGCC
 CTGGCAGGGTCAGCTGCAAGAACATCAAACCTCAGTCCCCACCCTGGCCTGCAGGCAGCCGCGCCAGCT
 GCCAGGACACTGCTGCCAGACCTGCCCGCAGGAGCGCAGCAATCTAGATCCACAGCCGGCTGGCCTGGTC
 TTCGAGTATCCAAGGGACCCAGAGCATCGCAGTTATAGCGATCGAGGGGAACCCGGCACTGGGGAGCGGA
 CACGTGGTGTGCGCCACACGGACTTTGTGGCCTGCTGACTGGACCGAGGACGCAGGCGGTAGCTCGTGC
 TCGAGTCTCTTTGCTGCGCTCAAGTTTACGCTTCTCTATCTCCTACCAGCGGCTGGACCGTCCCAGCAGG
 GTTCGGTTCACAGACCCACAGGCAACATCCTGTTTGAACACCCTGCTGCCCCACCCAAGATGGCCTGG
 TCTGTGGGGTGTGGCGGGCAGTGCCCTCGGCTGTCTGTGAGGCTCCTGAGGGCAGAGCAGCTGCGTGTTC
 CCTGTGACACCCACTCACCCCTCAGAAGAAGTCTGGGGGCTCTCATTGGCAGGGTGTCTCACTGCA
 GAGACCTTCAGTGCCATCCTGACCCTGGAGGACCCACTGCAGCGGGGTGTGGGGGCATAGCCCTGCTCA
 CTCTCAGTGACACAGAAGATGCCTTACATTTTTGCTGCTCTTCCGGGGTCTGCTGGGAGGACTAGCTCA
 CGTCCCCTTGAAGCTTCAGATTCACACAGGGACAGCTACTTCGAGAGCTCCAGGCCAATGCCTCAGCT
 CAGGAGCCAGGTTTTGCTGAGGTGCTGCCAGCCTTACAGACCAAGAGATGGACTGGTTGGTGTGGGG
 AGCTGCAGATGGTCTAGAGAAGATGGGTGGGCCAGAGTACGCATCAGCGGGTATATCACGACCCAGCA
 GAGCTGTGATGTCTTCAAAGCGTCTCTGTGGGGTGTGCTGCTTCCAGTCCAGACCGGGTGTCTGCT
 GGCTCAGCCAGCTTCATACTGCTAGGAAATGGCTCCCTTATCTATCAGGTACAAGTGATAGGTACAGGTA
 GCGAGGTGGTGGCCATGACGCTGGAGACCAAGCCTCAGCGGAAGAACCAGCGCACTGTCTGTGCCACAT
 GGCTGGACTCCAGCTGGGAGGACACATGGCTGTGGGTGTCTGCTTGGGCTGGGTGCCGAGGGGCTCAC
 ATGCTGCTACAGAATGAGTTGTTCTGAATATTGGTACCAAGGACTTCCCAGACGGAGAGCTTGGGGGC
 ACGTGACTGCCATGCTACAGCGGGCACAGTGCCCACTACGACAGATTGCTGTGCTCTGGCAGGGGC
 ACTAGTACTGCCCTGTGCGGAGTCAGGCAGCAGGACATGCCTGGCTGTCTTGGATACACATTGCCAC
 TTACACTATGAGGTTCTATTGGCTGGGCTTGGTGGCTCAGAGCAAGGAAGTGCCTGCTCATCTCTCG
 GGCTCCTGGGATGCCAGGGCCCGAGCAGCTGCTGAAGGGATTCTATGGCTCAGAGGCTCAGGGTGTGGT
 AAAAGATCTAGAGCCCGTGTGCTGCGGCACCTGACACAGGGCACCGCCTCCCTGCTTATACCACCAAG
 AGTAACCCTAGAGGAGAGCTACGCGGGCAGGTGCACATTGCCAGTCAGTGTGAGGTGGGAGGCTGCGCC
 TGGCCTCAGAAGGAGTGGGATGTCTTGGCTCCAAATGGAGAGGCAGCTACATCACCCATGCTGCCTGC
 TGGGCCCGGCCCTGAAGCCCGGTACCAGCAAACACGGCAGCTCTGGGAGACCCCGAGATCCTAACACA
 TGTTTCTTCGAGGGGCAGCAGCGTCCCCACGGGGCTCGCTGGGCACCCAACTATGACCCACTCTGCTCCC
 TCTGCACCTGCCAGAGACGGACAGTGTCTGTGATCCTGTAGTATGCCACCCAAAGCTGTCCCCACCC
 GGTGCAGGCACTGGACCAGTGTCTCCCGTGTGTCAGAGAAACAACGCAGTAGAGACTTCCCAGCCTA
 CCAAATCTGGAGCCAGGAGAGGGCTGCTATTTTGGTGGTACCGGAGCTGGAGGGCAGCGGGTACCCGAT
 GGCACCCCGTGTGCCCCCTTTGGCCTAATTAAGTGTGCTGTCTGCACCTGCAAGGGGGCCACCGGAGA
 GGTGCACTGTGAGAAGGTGCAGTGTCTCGCCTCGCCTGTGCTCAGCCTGTCCGTGCCAACCCACCGAC
 TGCTGCAAACAGTCCCAGTAGGGTACGGGACTCATGCCAAGCTGGGAGACCCCATGCAGGCTGATGGGC
 CTCGGGGTGTGCTTTGCTGGGCAAGTGGTCCCAGAGAATCAGAGCTGGCACCCATCAGTGCCCCCTT
 TGGGGAGATGAGCTGTATTACCTGCAGATGTGGGGCAGGGTACCCCACTGTGAGCGGGACGATTGCTCG
 CCGCCACTATCCTGCGGCTCAGGGAAGGAGTGCATGCTGTTCCCACTGTACAGCCAAAGGCTCCTCTG
 AGACTAGAACCCTTCCCAGCTGGAGAAAGAAGCTCAACGCTCCTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN:	NM_057134
Insert Size:	2847 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_057134.1</u> , <u>NP_476475.1</u>
RefSeq Size:	3267 bp
RefSeq ORF:	2847 bp
Locus ID:	117275
Cytogenetics:	11q23
Gene Summary:	secreted protein; human homolog binds TGF-beta and similar morphogenetic proteins; may be important for organogenesis and dorsal/ventral pattern specification of neural crest [RGD, Feb 2006]