

Product datasheet for **MC222772**

Chrd (NM_009893) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Chrd (NM_009893) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Chrd
Synonyms:	Chd
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF:

>MC222772 representing NM_009893
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGCCAGCCTCCCGCCCCCGCGCCCGCGGCTGCTCCTCGGGCTGCTGCTGCTCGGCTCGCGGCCGG
 CCAGTGGCACTGGCCCTGAGCCCCAGCACTGCCCATCCGTTCCGAGAAGGAGCCGCTGCCTGTCCGGGG
 AGCGGCAGGCTGCTCCTTCGCGCGGAAGGTCTATGCCTTGGACGAGACGTGGCACCCGGACCTGGGGGAG
 CCTTTGGGGTGTGCGCTGCGTGTGCGCCTGTGAAGCGCCTCAGTGGGCTCGCCGTGGGAGGGGTCTC
 CTGGCAGGGTCACTGCAAGAACATCAAACCTCAGTCCCCACCCTGGCCTGCAGGCAGCCGCGCCAGCT
 GCCAGGACTGCTGCCAGACCTGCCCGCAGGAGCGCAGCAATCTAGATCCACAGCCCGCTGGCCTGGTC
 TTCGATATCCAAGGGATCCAGAGCATCGCAGTTACAGTATCGAGGGGAACCCGGCGTTGGGGAGCGGA
 CCCGTGCTGATGGCCACACAGACTTTGTGGCGTGTGACAGGACCGAGGTGCGAGGCGGTAGCTCGTGC
 TCGAGTCTCTTTGCTGCGCTCAAGTTTACGCTTCTGTCTCCTACCAGCGGCTGGACCGTCCCAGCAGG
 GTTCGTTTACAGATCCCACAGGCAACATCCTGTTTGAACACCCTGCAACCCCCACCCAGGATGGCCTGG
 TCTGTGGGGTGTGGCGGGCAGTGCCTCGGCTGTCTGTGAGGCTCCTGAGGGCAGAGCAGCTTCGGGTAGC
 CCTGTGACATCCACTCACCTTCAGGAGAAGTCTGGGGGCTCTCATTTGGCAGGGTGTCTCGCTGCA
 GAGACCTTCAGTGCCATCCTGACCCTGGAAGACCCTGCAGCGGGGTGTGGGGGCATAGCCCTGCTCA
 CCCTCAGTGACACAGAAGATTCCTTGCATTTTTGCTGCTCTTCCGGGGTCTGCTGGGAGGACTAGCTCA
 GGCTCCCTTGAAGCTTCAGATTCACACAGGGACAGCTACTTCGGGAGCTCCAGGCCAACACCTCCGCT
 CAGGAGCCAGGTTTTGCTGAGGTGCTGCCAGCCTTACAGACCAAGAGATGGACTGGTTGGAGCTGGGG
 AGCTGCAGATGGTCTTAGAGAAGCGGGTGGGCCAGAGCTACGCATCAGTGGATACATCACACCAGGCA
 GAGCTGTGATGTCTTCAAAGTGTCTTTGTGGGGTGTGACCCCTGATCCAGTCCAGACGGGTGCTGCT
 GGGTCAGCCAGCTTCATATTGCTAGGAAATGGCTCCCTTATCTATCAGGTGCAAGTGGTAGTACAGGTA
 GCGAGGTGGTGGCCATGACACTGGAGACCAAGCCTCAGCGGAAGAACCAGCGCACTGTCTGTGCCACAT
 GGCTGGACTCCAGCCGGGAGGACACATGGCTGTGGGTATGTGCTCTGGGCTGGGTGCCCGAGGGGCTCAT
 ATGCTGTACAGAACGAGCTGTTCTGAATGTTGGTACCAAGGACTTCCCAGATGGAGAGCTTCGGGGGC
 ATGTGACTGCCATGCTACAGTGGGCACAGTGGCCGCTATGACAGATTGCCTGTGCCTCTGGCAGGGGC
 ACTAGTGTGCCCTGTGCGGAGTCAGGCAGCAGGGCACGCCTGGCTCTCCTTGGATACACATTGTAC
 TTACACTATGAAGTTCTATTGGCTGGGCTTGGTGGCTCAGAGCAAGGAAGTGTACTGCCACCTCCTTG
 GGCTCCTGGGATGCCAGGGCCCCAGCGGCTGCTGAAGGGATTCTATGGCTCAGAGGCTCAGGGCGTGGT
 AAAAGATCTGGAGCTGTGCTGTGCGGCACCTGGCACAGGGCACTGCCTCCCTGCTCATACCACCAAG
 AGTAGCCCCAGAGGAGAACTACGTGGGCAGGTGCACATTGCCAGTCAAGTGTGAGGCGGGAGGCTGCGTC
 TGGCCTCAGAAGGAGTGCAGATGCCCTTGGCTCCAAATGGAGAGGGCGGTACGTACCCATGCTGCCTGC
 TGGCCCTGGCCCTGAAGCCCCAGTACCAGCCAACATGGCAGCCCTGGGAGACCCCGAGATCCTAACACA
 TGTTTCTTCGAGGGGCAGCAGCGGCCCCACGGGGCTCGCTGGGCACCCAACTATGACCCACTCTGCTCCC
 TCTGCATCTGCCAGAGACGAACAGTGTCTGTGACCTGTAGTATGCCACCCAAAGCTGTCCCCACCC
 GGTGCAGGCACTGGACCAGTGTCTCCCGTGTGTCCAGAGAACAACGCAGTAGAGACTCCCCAGCCCTA
 CCAAATCTGGAGCCAGGAGAGGGCTGCTATTTTGTGATGGTACCGGAGCTGGAGGGCAGCGGGTACCCGAT
 GGCACCTGTGTGCCCCCTTTGGCCTAATTAAGTGTGCTGTCTGCACCTGCAAGGGGGCCACGGGAGA
 GGTGCACTGTGAGAAGGTGCAGTGTCTCGCTGGCCTGTGCTCAGCCTGTCCGTGCCAACCCACCGAC
 TGCTGCAAACAGTGTCCAGTAGGGTCAAGGACTAATGCCAAGCTGGGAGACCCCATGCAGGCTGATGGGC
 CTCGGGGTGTGCTTTGCTGGGCAGTGGTTCCAGAGAATCAGAGCTGGCACCCATCAGTGCCCCCTT
 TGGGGAGATGAGCTGTATTACCTGCAGATGTGGGGCAGGGTACCCACTGTGAGCGGGACGATTGTTCA
 CCGCCGCTATCCTGTGGCTCAGGGAAGGAGTGTGCTGTTCCACTGCACAGCCAAAGTCTCTG
 AGACTAGAACCCTTCCAGAGCTGGAGAAGAAGCGGAGCACTCCTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-MluI

ACCN:	NM_009893
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).
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:	NM_009893.2 , NP_034023.1
RefSeq Size:	3292 bp
RefSeq ORF:	2847 bp
Locus ID:	12667
UniProt ID:	Q9Z0E2
Cytogenetics:	16 12.51 cM
Gene Summary:	<p>Dorsalizing factor. Key developmental protein that dorsalizes early vertebrate embryonic tissues by binding to ventralizing TGF-beta family bone morphogenetic proteins (BMPs) and sequestering them in latent complexes.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the predominant transcript and encodes the shorter isoform (1).</p>