

Product datasheet for **MC210455**

Chordc1 (NM_025844) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Chordc1 (NM_025844) Mouse Untagged Clone
Tag: Tag Free
Symbol: Chordc1
Synonyms: 1110001O09Rik; AA409036; Chp-1; morgana
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC210455 representing NM_025844
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCGCTCTTGTGTTACAACCGCGGCTGTGGCCAGCGTTTCGACCCAGAGGCCAACTCGGACGATGCTT
GCACATACCACCCAGGTGTTCTGTCTTTCATGATGCCCTAAAGGGTTGGTCTTGCTGTAAAAGAAGGAC
AACTGATTTCTCTGACTTCTTAAGCATTGTAGGCTGTACAAAAGGTAGGCATAATAGTGAGAAGCCACCT
GAACCGGTCAAGCCTGAAGTCAAGACTACTGAGAAGAAGGAACTATCTGAATTAACCCAAATTTACAGG
AGCACATCATTCAAGCCCTAAGCCAGTAGAAGCAATAAAAAGGCCAAGCCAGATGAGCCAATGACAAA
CTTGGAGTTAAAATATCTGCTTCCCTAAAACAAGCACTTGATAAACTTAACTGTCTGAGGAGTGAA
GAAGATAAAAAGAAGAAGACAGTGTGAAATTAAGATTGGGACTTCTGTAAAATGGAGGGTGTTCAC
AGACATACCAGGGTCTACAGAGTCTAGAAGAAGTCTGTGTATATCATTCTGGAGTACCTATTTCCACGA
GGGGATGAAATATTGGAGCTGTTGTAGAAGAAAACCTCAGATTTAATACATTCTAGCCCAAGAGGGC
TGTACAAGAGGGAAGCATGTATGGACTAAAAAGATGCAGGAAAAAAGTTGTTCCGTGTAGACACGACT
GGCATCAGACTGGGGTGAAGTTACCATCTCAGTGTATGCTAAAAATCCCTGCCAGAATCAGTCAAGT
AGAAGCCAACAGTACTTTGTTAAATGTACACATTGTATTTGAAGGAGAGAAAGAATTTCACTAAAATGTG
AAACTGTGGGTGTAATTGATGTTAAACGAAGTTATGTAAGTATGACTGCAACAAAGATTGAGATCACTA
TGAGAAAGGCGGAACCCATGCAGTGGGCAAGTCTTGAACCTACAACCAAAAAGCAGGAGAAACAAAA
AGATATAGCTGAT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_025844



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| | |
|-------------------------------|---|
| Insert Size: | 996 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_025844.2 , NP_080120.1 |
| RefSeq Size: | 2205 bp |
| RefSeq ORF: | 996 bp |
| Locus ID: | 66917 |
| UniProt ID: | Q9D1P4 |
| Cytogenetics: | 9 A2 |
| Gene Summary: | Regulates centrosome duplication, probably by inhibiting the kinase activity of ROCK2. Proposed to act as co-chaperone for HSP90. May play a role in the regulation of NOD1 via a HSP90 chaperone complex. In vitro, has intrinsic chaperone activity. This function may be achieved by inhibiting association of ROCK2 with NPM1. Involved in stress response. Prevents tumorigenesis (By similarity).[UniProtKB/Swiss-Prot Function] |