

Specifications:

Gene:	mChodl
Accession:	NP_624360
Insert size:	835bp
Concentration:	10µg at 0.2µg/µL

Description

This shuttle vector contains the complete ORF for the gene of interest, along with a Kozak consensus sequence for optimal translation initiation. It is inserted NotI to AscI. The gene insert is flanked with convenient multiple cloning sites which can be used to easily cut and transfer the gene cassette into your desired expression vector.

Preparation and Storage

Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

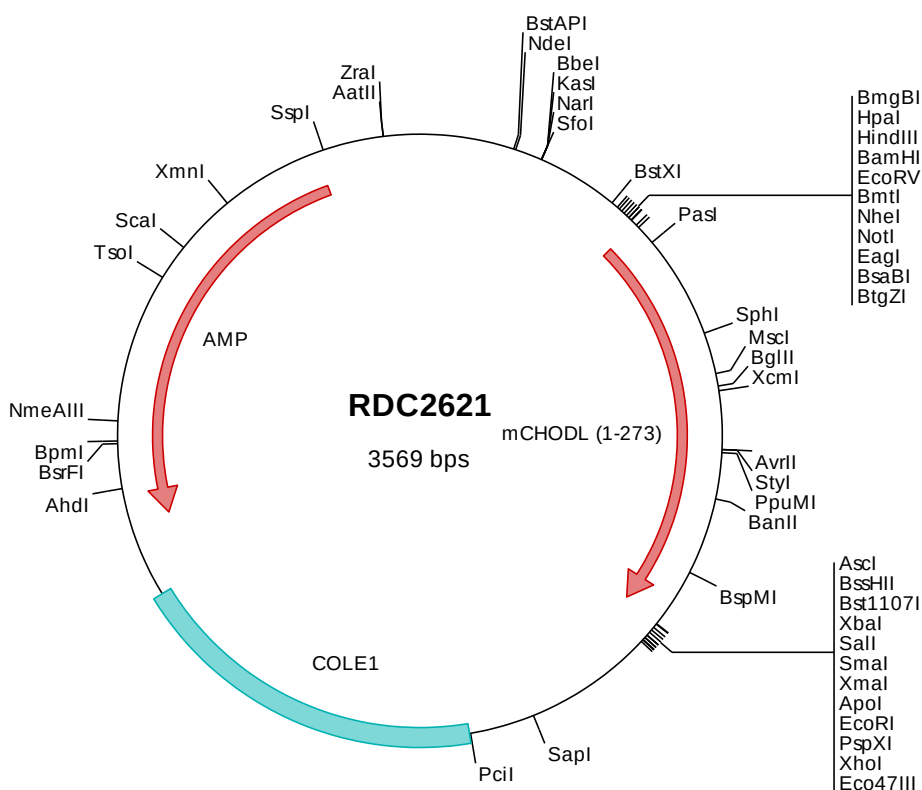
mChondrolectin cDNA Plasmid

Chodl chondrolectin [*Mus musculus* (house mouse)]

Also known as: MT75; PRED12;
3110074E07Rik

Summary:

CHODL is a type I transmembrane protein containing a C-type lectin carbohydrate recognition domain. In other proteins, this domain is involved in endocytosis of glycoproteins and exogenous sugarbearing pathogens. CHODL localizes predominantly to the perinuclear region.



> RDC2621 Plasmid DNA Sequence

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1  tcgcgcgctt cggatgatgac ggtgaaaaac tctgacacat gcagctcccc gagacggtca cagcttgtct gtaagcggat gccgggagca gacaagcccg
101  tcaggggcgcg tcagcgggtg ttggcgggtg tctggggctgg ctttaactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gtgtgaaata
201  ccgcacacgat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aagggcgatc ggtgcgggcc tcttcgctat
301  tacgccagct ggcgaaaggg ggatgtgtcg caaggcgatt aagttgggta acgccagggt tttcccagtc acgacgttgt aaaacgacgg ccagtgaatt
401  ggagacgtgt taacaagctt ggatccgata tcgctagcgc ggccgcaccc atgatccgca tcgcctcact cttgctggga gctgcgtgc tctgtgcca
501  gggagccctt gcccgaaagg ttgtcagttg tcaaaagggt gtgtttgtcg atgtgaaaca tcctcgtac aaaaatggcgt acttccatga actgtctagc
601  cgggtgagct tccaggaagg aaggctggct tgtgaaagtg aaggggtgtg cctcctgagt cttgagaatg aagctgaaca gaagtaata gagagcatgc
701  ttcagaacct gacaaaacct ggaacaggta tttcagatgg tgacttctgg ataggacttt tgagaagcgg agatggccaa acatcgggtg cctgcccaga
801  tctctaccag ttgtctgatg gaagcagctc ccagttccga aactggtaca ctgatgaacc ttcttgtggg agtgaaaaat gtgtagtoat gtaccacca
901  ccaactgcc aatctggcct aggaggtccc tacctttacc agtgaatga cgacaggtgc aacatgaagg acaattacat ctgcaagtat gaaccagaga
1001  ttcattccaa agagcccgct gaaaagccgt atottacaaa ccaacctgaa gagaccatg aaaaatgtgt tgttactgaa gcaggcataa ttcccaatct
1101  aatctatggt attataccaa cgattccgct gctcttaact atactggttg ctttgggaac ctgctgttcc cagatgttgc ataaaagtaa aggaagatca
1201  aaaactagcc cgaatcagtc tacactgttg atttcaaaaa gcacgaggaa ggaagtggtg atggaggtat aaaggcgccg cagtatactc tagagtcgac
1301  acccggggaa ttctctgagc gctcgtctct agcttggcgt aatcatggtc atagctgttt cctgtgtgaa attgttatcc gctcacaaat ccacacaa
1401  tacgagccgg aagcataaag tgtaaagcct ggggtgccta atgagtgcgc taactccatc taattgcgtt gcgctcactg cccgctttcc agtcgggaaa
1501  cctgtcgtgc cagctgcatt aatgaatcgg ccaacgcgcg gggagaggcg gtttgcgtat tgggcgctct tccgcttccg cgctcactga ctcgctgcgc
1601  tcggtcgttc ggctgcggcg agcggatatc agcggtatcc acagaaatcag agggataacgc aggaagaac atgtgagcaa
1701  aaggccagca aaaggccagg aaccgtaaaa aggcgcgctt gctggcgttt ttccataggg tccgcccccc tgacgagcat cacaaaaatc gacgctcaag
1801  tcagaggtgg cgaacccgca caggactata agataccag gcgtttcccc ctggaagctc cctcgtgcgc tctcctgttc cgaccctgcc gcttacccga
1901  taccttccaa ccttttcccc ttggcggaagc gtggcgcttt acgctgtatg acgctgtagg tatctcagtt cgttcgctcc aagctgggct
2001  gtgtgcacga accccccgtt cagcccagacc gctgcgcctt atccggtaac tatcgtcttg agtccaaacc ggtaagacac gacttatcgc cactggcagc
2101  agccactggt aacaggatta gcagagcgag gtgtgtacgg ggtgctacag agttcttgaa gtggtggcct aactacggct acactagaag gacagtattt
2201  ggatatctcg cctgtctgaa gccagttacc ttccgaaaaa gagttggtag ctcttgatcc ggcaacaaa ccacgcgtgg tagcgggtgt tttttgttt
2301  gcaagcagca gattacgcgc agaaaaaag gatctcaaga agatcctttg atcttttcta cggggtctga cgctcagtg aacgaaaact cacgttaagg
2401  gattttgct atgagattat caaaaaggat cttcacctag atccttttaa attaaaaatg aagttttaaa tcaatctaaa ctatatatga gtaaacttgg
2501  tctgacagtt accaatgctt aatcagtgag gcacctatct cagcgatctg tctatttctg tcatccatag ttgcctgact ccccgctgtg tagataacta
2601  cgatacggga gggcttacca tctggcccca gtgctgcaat gataccgcga gacccacgct caccggtccc agatttatca gcaataaacc agccagccgg
2701  aaggcccgag cgcagaagtg tctctgcaac tttatccgcc tccatccagt ctattaattg ttgcccggaa gctagagtaa gtggttcgac agttaatagt
2801  ttgcgcaacg ttgttgccat tgctacagcc atcgtggtgt cacgctcgct gtttggtagt gcttcattca gctccggttc ccaacgatca aggcgagtta
2901  catgatcccc catgttgtgc aaaaaagcgg ttagctcctt cggtcctccg atcgtgtgca gaagtaagtt ggccgcagtg ttatcactca tggttatggc
3001  agcactgcat aattctctta ctgtcatgcc atccgtaaga tgctttctg tgactgggtg gtactcaacc gtagaattct gagaaatgt tatgcggcga
3101  ccgagttgct cttgcccgcc gtaataacgg gataataccg gcgccacatg cagaacttta aaagtgtcga tcattggaaa acgttcttcg gggcgaaaac
3201  tctcaaggat cttaccgctg ttgagatcca gtctgatgta acccaactgc gcaccaact gatcttcagc atcttttact ttaccagcg tttctgggtg
3301  agcaaaaaa ggaaggcaaa atgccgcaaa aaagggaata agggcgacac gaaaatgttg aataactata ctcttcttt ttcaatatta ttgaagcatt
3401  tatcagggtt attgtctcat gagcggatag atatttgaat gtatttagaa aaataaaca atagggttc cgccacatt tccccgaaa gtgccacctg
3501  acgtctaaga aaccattatt atcatgacat taacctataa aaataggcgt atcacgagcg cctttcgtc

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> RDC2621 Translated Insert Sequence

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1  miriaslllg aallcaqgaf arrvsvgqkv cfadvkhpcy kmayfhelss rvsfqearla ceseggvlls leneaeqli esmlqnltkp gtgisdgdfw
101  igllrsgdgg tsgacpdlyq wsdgsssqfr nwytdpscg sekcvmyhq ptanpglpgp ylyqwnddrc nmkhyicky epeihptepa ekpyltnqpe
201  ethenvvnte agiipnliyv iiptipllll ilvalgtccf qmlhsksgrs ktspnqstlw iskstrkesg mev

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