

Specifications:

Gene:	<i>h</i> COLEC10
Accession:	NP_006429
Insert size:	847bp
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.

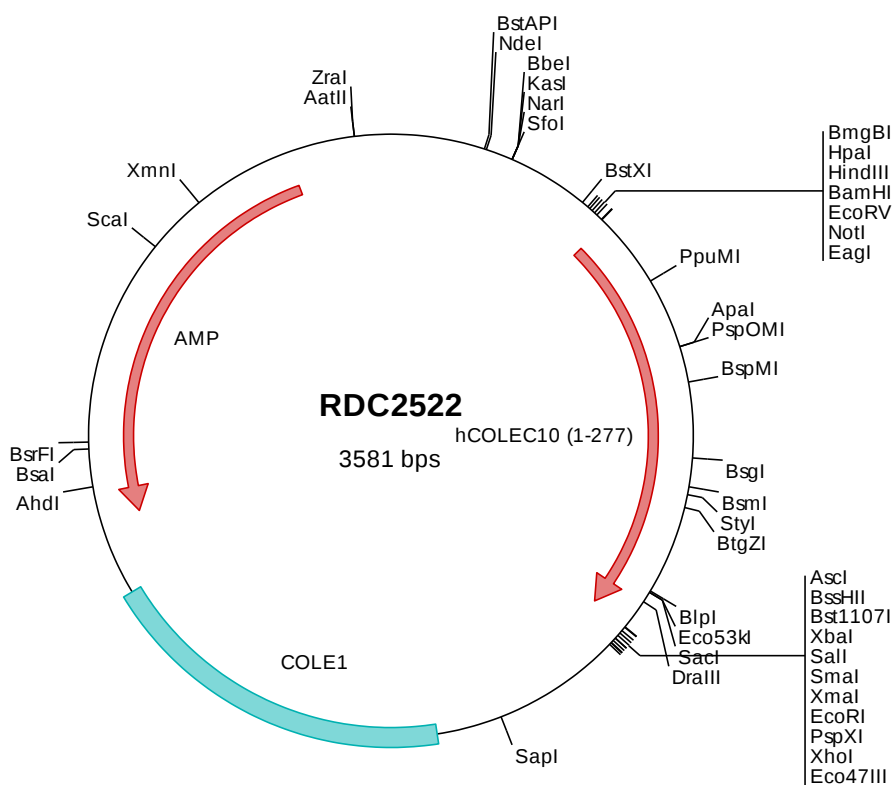
*h*CL-L1/COLEC10 cDNA Plasmid

COLEC10 collectin subfamily member 10 [*Homo sapiens* (human)]

Also known as: 3MC3; CLL1; CL-34

Summary:

COLEC10 is a member of the C-lectin family, proteins that possess collagen-like sequences and carbohydrate recognition domains. The other members of this family are secreted proteins and bind to carbohydrate antigens on microorganisms facilitating their recognition and removal. COLEC10 is a cytosolic protein, a characteristic that suggests that it may have different biological functions than other C-lectins.



> RDC2522 Plasmid DNA Sequence

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1   tcgcgcgcttt cggatgatgac ggtgaaaacc tctgacacat gcagctcccc gagacgggtca cagcttgtct gtaagcggat gccggggagca gacaagcccc
101  tcagggcgcg tcagcgggtg ttggcgggtg tcggggctgg ctttaactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gtgtgaaata
201  ccgcacacgat gcgttaaggag aaaataccgc atcaggcgcc attcgccatt caggctcgcc aactgttggg aagggcgatc ggtgcgggcc tcttcgctat
301  tacgccagct ggcgaaaagg ggaatgtgtg caaggcgatt aagttgggta acgccagggt tttccagtc acgacgttgt aaaacgacgg ccagtgaatt
401  ggagacgtgt taacaagctt ggaaccgata tcgctagcgc ggccgcccacc atgaacggct ttgcattcctt gcttcgacgt aaccaattta tcctcctggt
501  actattttctt ttgcaaatcc agagtctggg tctggatatt gatagccctc ctaccgctga agtctgtgcc acacacacaa tttaccagg acccaaggga
601  gatgatgggtg aaaaaggaga tccaggagaa gaggaaaagc atggcaaatg gggacgcagt gggccgaaag gaattaaagg agaactgggt gatatgggag
701  atcagggcaa tattggcaag actgggcccc ttgggaagaa gggtgacaaa ggggaaaaag gtttgcttgg aatacctgga gaaaaaggca aagcagggtac
801  tgtctgtgat tgtggaagat accggaattt tgttggaaca ctggatatta gtattgtctg gctcaagaca tctatgaagt ttgtcaagaa tgtgatagca
901  gggattaggg aaactgaaga gaaattctac tacatcgtgc aggaagagaa gaactacagg gaatccctaa cccactgcag gattcggggt ggaatgctag
1001 ccacttccaa gtagtaagct gccaacacac tcactcgtga ctatgttgcc aagagtggct tctttcgggt gttcattggc gtgaatgacc ttgaaaggga
1101 gggacagtac atgttccacg acaacactcc actgcagaac tatagcaact ggaatgaggg ggaaccacgc gaccctatg gtcatgagga ctgtgtggag
1201 atgctgagct ctggcagatg gaatgacaca gagtgccatc ttaccatgta ctttgtctgt gagttcacga agaagaaaaa gtaaggcgcc gccagtatac
1301  tctagagtgc acacccgggg aattcctcga gcgctcgtct ctagcttggc gtaatcatgg tcatagctgt ttcctgtgtg aaattgttat ccgctcacia
1401  ttccacacaa catacgagcc ggaagcataa agtgtaaaagc ctgggggtgcc taatgagtga gctaactcac attaatgctg ttgcgctcac tgcctcctt
1501  ccagtcggga aacctgtcgt gccagctgca ttaatgaatc ggccaacgcg cggggagagg cggtttgcgt attgggcgct cttccgcttc ctgcgtcact
1601  gactcgctgc gctcggctgt tcggctgcgg cgagcgggat cagctcactc aaaggcggtg atacggttat ccacagaatc aggggataac gcaggaaaga
1701  acatgtgagc aaaaggccag caaaaggcca ggaaccgtaa aaaggccgcg ttgctggcgt ttttccatag gctccgcccc cctgacgagc atcacaaaaa
1801  tcgacgctca agtcagaggt ggcgaacccc gacaggcata taaagatacc aggcgtttcc cctcggaagc tccctcgtgc gctcctctgt tccgacctgt
1901  ccgcttaccg gatacctgtc ccttcgggaa cgtgtggcgt tctcactatg tcacgctgta ggtatctcag ttcgggtgat gtgcttctgt gtgcttctgt
2001  ccaagctggg ctgtgtgcac gaaccccccg ttcagcccgga ccgctgcgcc ttatccggta actatcgtct tgagtccaac ccggtaaagc acgacttctc
2101  gccactggca gcagccactg gtaacaggat tagcagagcg aggtatgtag gcggtgctac agagtctctg aagtgggtggc ctaactacgg ctacactaga
2201  aggacagtat ttggtatctg cgctctgctg aagccagtta ccttcggaaa aagagtgtgt agctcttgat ccggcaaaaa aaccaccgct ggtagcgggt
2301  gtttttttgt ttgcaagcag cagattacgc gcagaaaaaa aggatctcaa gaagatcctt tgatcttttc tacggggtct gacgctcagt ggaacgaaaa
2401  ctcacgttaa gggatttttg tcatgagatt atcaaaaagg atcttcacct agatcctttt aaattaaaaa tgaagtttta aatcaatcta aagtatatat
2501  gagtaaaact ggtctgacag ttaccaatgc ttaatcagtg aggcacctat ctacgcgac tgtctatttc gttcatccat agttgcttga ctccccgtcg
2601  tgtagataac tacgatacgg gagggcttac catctggccc cagtgcgtga atgataccgc gagaccacg ctcaccggct ccagatttat cagcaataaa
2701  ccagccagcc ggaaggcccg agcgcagaag tggctcgtgca actttatccg cctccatcca gtctattaat tgttgcggg aagctagagt aagtattctg
2801  ccagttaata gtttgcgcaa cgttgttgcc attgttacag gcacgtgtgt gtcacgctcg tcgtttggta tggcttcatt cagctccggt tcccaacgat
2901  caaggcgagt tacatgatcc cccatgttgt gcaaaaaaag ggtagctcc ttccggtcctc cgatcgttgt cagaagtaag ttggccgagc tgttatcact
3001  catggttatg gcagcactgc ataattctct tactgtcatg ccattccgtaa gatgcttttc tgtgactggt gagtactcaa ccaagtcatt ctgagaatag
3101  tgtatgcccc gaccgagttg ctcttgcccg gcgtcaatac gggataatac cgcgccacat agcagaactt taaaagtgtc catcattgga aaacgttctt
3201  cggggcgaaa actctcaagg atcttaccgc tgttgagatc cagttcgatg taaccactc gtgcacccaa ctgatcttca gcattcttta ctttaccag
3301  cgtttctggg tgagcaaaaa caggaaggca aaatgccgca aaaaagggaa taaggcgac acggaaatgt tgaatactca tactcttct ttttcaatat
3401  tattgaagca tttatcaggg ttattgtctc atgagcggat acatatattg atgtatttag aaaaataaac aaataggggt tccgcgcaca tttccccgaa
3501  aagtgccacc tgacgtctaa gaaaccatta ttatcatgac attaacctat aaaaataggc gtatcacgag gccctttcgt c

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> RDC2522 Translated Insert Sequence

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1   mngfasllrr ngfillvfl lqiqlslgldi dsrptaevca thtispgpkg ddgekgdpge egkhgkvgrm gpkgikgelg dmgdggngig tgpigkkgdk
101  gekgllgipg ekkgagtvc dgryrkfvvg ldisiarlkt smkfvknvia gireteekfy yivqeeknyr eslthcirng gmlampkdea antliadyva
201  ksgffrvfig vndlereqgy mftdntplqn ysnwnegeps dpyghedcve mlssgrwndt echltmyfvc efikkkk

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