

Specifications:

Gene:	hCLP24
Accession:	NP_078876
Insert size:	693bp
Package size:	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.

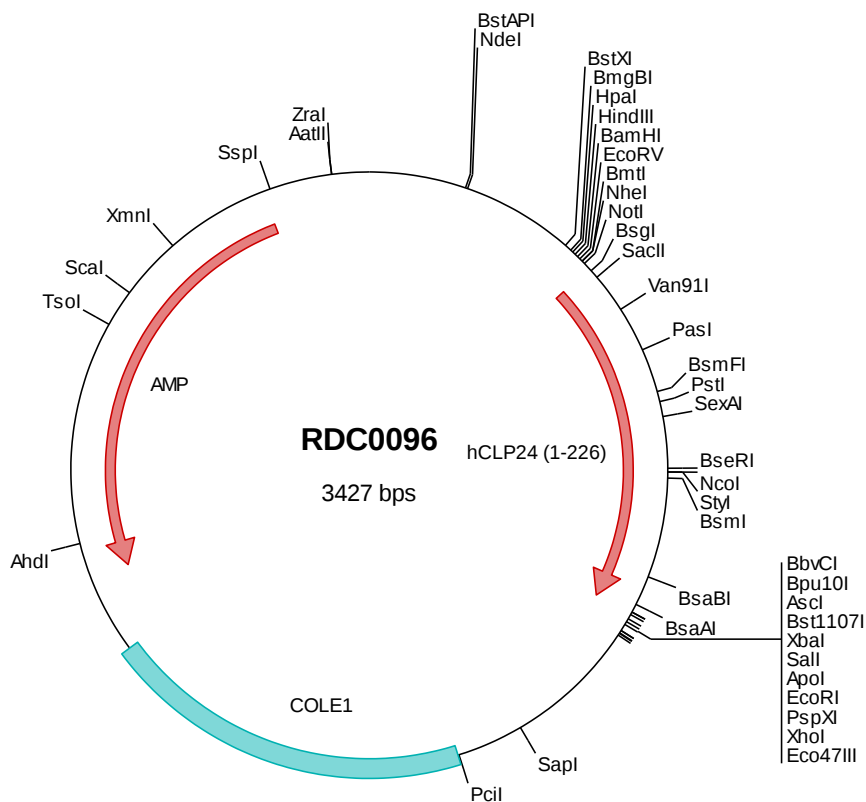
hCLP24 cDNA Plasmid

TMEM204 transmembrane protein 204 [*Homo sapiens*]

Also known as: TMEM204;
C16orf30

Summary:

Claudin-like protein of 24 kDa (CLP24), is a cell surface protein with four transmembrane domains and a C-terminal PDZ motif. CLP24 is highly expressed in lung, heart, kidney and placental tissues. Cellular studies confirm that the CLP24 protein localizes to cell-cell junctions and co-localizes with the β -catenin adherens junction-associated protein but not with tight junctions. It is involved in regulating paracellular flux and is upregulated under hypoxic conditions.





> RDC0096 Plasmid DNA Sequence

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1   tcgcgcggtt cggatgatgac ggtgaaaacc tctgacacat gcagctcccg gagacggtca cagcttgtct gtaagcggat gccgggagca gacaagcccg
101  tcagggcgcg tcagcgggtg ttggcgggtg tcggggctgg cttactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gtgtgaaata
201  ccgcacagat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aaggcgatc ggtgcgggcc tcttcgctat
301  tacgccagct ggcgaaaggg ggatgtgctg caaggcgatt aagtgggta acgccagggt tttcccagtc acgacgttgt aaaacgacgg ccagtgaatt
401  ggagacgtgt taacaagctt ggatccgata tcgctagcgc ggccgccacc atgaccgtgc agagactcgt ggccgcggcc gtgctgttgg ccctggtctc
501  actcactctc aacaacgtgg cggccttcac ctccaactgg gtgtgccaga cgtggagga tgggcgcagg cgcagcgtgg ggtgtggag gtcctgctgg
601  ctggtggaca ggaccggggg agggccgagc cctggggcca gagccggcca ggtggacgca catgaactgt aggcgctggg ctggggctcc gaggcagccg
701  gcttccagga gtcccgaggc accgtcaaac tgcagttcga catgatgcgc gcctgcaacc tgggtggcac ggccgcgctc accgcaggcc agctcacctt
801  cctcctgggg ctggtggggc tgccctgct gtcacccgac gcccggtgct gggaggaggg catggcgcgt gcattocaa tggcgagttt tgtcctggtc
901  atcgggctcg tgactttcta cagaattggc ccatacacca acctgtcctg gtcctgtac ctgaacattg gcgcctgcct tctggccacg ctggcggcag
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1201 tcatggtcat agctgtttcc tgtgtgaaat tgttatccgc tcacaattcc acacaacata cgagccggaa gcataaagt taaagcctgg ggtgcctaata
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2101 gttggtagct cttgatccgg caaacaacc accgctgcta gcggtgtttt ttttgttgc aagcagcaga ttacgcgag aaaaaaagg tctcaagaag
2201 atcctttgat cttttctacg ggttctgacg ctcagtggaa cgaaaaatca cgtaagggg ttttggctat gagattatca aaaaggatct tcacctagat
2301 ctttttaaat taaaaatgaa gttttaaatc aatctaaagt atatatgagt aaacttggtc tgacagttac caatgcttaa tcagtgggc acctatctca
2401 gcgatctgtc tatttcgttc atccatagtt gcctgactcc ccgtcgtgta gataactacg atacgggagg gcttaccatc tggccccagt gctgcaatga
2501 tacccgcgaga cccacgctca ccggctccag atttatcagc aataaacagg ccagccggaa gggccgagcg cagaagtggg cctgcaactt tatccgcctc
2601 catccagctc attaatgttt gccgggaagc tagagtaagt agttcgccag ttaatatgtt gcgcaacggt gttgccattg ctacaggcat cgtggtgtca
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3201 ggcgacacgg aaatgttgaa tactcatact cttccttttt caatattatt gaagcattta tcagggttat tgtctcatga gcggatacat atttgaatgt
3301 atttagaaaa ataacaatat aggggttccg cgcacatttc ccgaaaaagt gccacctgac gtctaagaaa ccattattat catgacatta acctataaaa
3401 ataggcgat cagcaggccc tttcgtc
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> RDC0096 Translated Insert Sequence

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101  acnlvataal tagqltflilg lvglpllsdp apcweeamaa afqlasflvl iglvtfyirig pytnlswscy lnigacllat laaamlwni lhkredcmap
201  rvivirsrlt arfrrglndn yvespc
```