

Product datasheet for **SC336076**

CLCC1 (NM_001278202) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CLCC1 (NM_001278202) Human Untagged Clone
Tag:	Tag Free
Symbol:	CLCC1
Synonyms:	MCLC; RP32
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC336076 representing NM_001278202. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTGTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGCTGTGTTCTTTGCTCCTTTGTGAATGTCTGTTGCTGGTAGCTGGTTATGCTCATGATGACTGG
ATTGACCCACAGACATGCTTAACATGATGCTGCTTCAGGAACAATGAGAAAATCTCAGGCAAAATAT
GGTATTTTCAGGGAAAAGGATGTCAGTCCTGACTTGTGCTGATGAAATATCAGAATGTTATCAC
AAACTTGATTCTTTAACTTATAAGATTGATGAGTGTGAAAAGAAAAGAGGGAAGACTATGAAAGTCAA
AGCAATCTGTTTTAGGAGATACTTAAATAAGATTTTAAATTGAAGCTGGAAGCTTGGACTTCTAGCT
TTTGCACAGCATCAGGCTGAAGTCGCCAAGATGGAGCCATTAACAATGTGTGTGCCAAAAGATGGAC
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TATGAGCTCTTACTAGTCAACCCATTTTGGTTGGTCCCACCAACAAGGCACTTGCAGTTACATTCACC
ACATTTGTAACGGAGCCATTGAAGCATATTGAAAAGGAACTGGGGAAATTTATTAAGCACTCATGAAG
GAAATTCAGCGCTGCTTCATCTCCAGTGCTGATAATTATGGCATTAGCCATCTGAGTTTCTGCTAT
GGTGTGGAAAATCAGTTCATGTGCTGAGACATATAGGCGGTCTGAGAGCGAACCTCCCGAGGCACTT
CGGCCACGGGATAGAAGACGGCAGGAGGAAATTGATTATAGACCTGATGGTGGAGCAGGTGATGCCGAT
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GAGATTTTGAGAGAGAGAGATGTTGACTTGAGATTTTCAGACTGGCAACAAGAGCCCTGAAGTGTCCGG
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GAAAAGGCCAGCTCAAGTCTGAAGCCGACGGCAGCCAGACCAAGGCAGCACATACAGCCCCGCAAGA
GGTGTGGCTGGACCAGTGGACAGGATCCGGTCAGCAGCCCTGTGGCTAG
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001278202
Insert Size:	1293 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_001278202.1
RefSeq Size:	4343 bp
RefSeq ORF:	1293 bp
Locus ID:	23155
UniProt ID:	Q96S66
Cytogenetics:	1p13.3
Protein Families:	Ion Channels: Other, Transmembrane
MW:	47.4 kDa
Gene Summary:	Seems to act as a chloride ion channel.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (3) differs in the 5' UTR and lacks two consecutive exons in the coding region, but maintains the reading frame, compared to variant 1. The encoded isoform (3) is shorter than isoform 1.