

Product datasheet for **SC335646**

CLCC1 (NM_001278203) Human Untagged Clone

Product data:

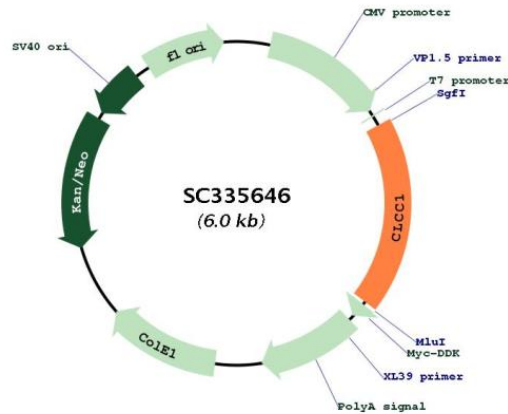
Product Type:	Expression Plasmids
Product Name:	CLCC1 (NM_001278203) Human Untagged Clone
Tag:	Tag Free
Symbol:	CLCC1
Synonyms:	MCLC; RP32
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC335646 representing NM_001278203. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTGTGAACCGTCAGAATTTTGTAAACGACTACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGCTGTGTTCTTTGCTCCTTTGTGAATGTCTGTTGCTGGTAGCTGGTTATGCTCATGATGACTGG
ATTGACCCACAGACATGCTTAAGTATGATGCTGCTTCAGGAACAATGAGAAAATCTCAGGCAAAATAT
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AAACTTGATTCTTTAACTTATAAGATTGATGAGTGTGAAAAGAAAAGAGGGAAGACTATGAAAGTCAA
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CCTCCCGAGCACTTCGGCCACGGGATAGAAGACGGCAGGAGGAAATGATTATAGACCTGATGGTGGG
GCAGGTGATGCCGATTTCCATTATAGGGGCCAAATGGGCCCACTGAGCAAGGCCCTTATGCCAAAACG
TATGAGGGTAGAAGAGAGATTTTGGAGAGAGAGATGTTGACTTGAGATTTGAGACTGGCAACAAGAGC
CCTGAAGTGCTCCGGCATTGATGTACCAGACGCAGAGGCACGAGAGCATCCACGGTGGTACCCAGT
CATAAATCACCTGTTTTGGATACAAAGCCCAAGGAGACAGGTGGAATCCTGGGGGAAGGCACACCCGAAA
GAAAGCAGTACTGAAAGCAGCCAGTCGGCCAAGCCTGTCTGGCCAAGACACATCAGGGAATACAGAA
GGTTCACCCGCAGCGGAAAAGGCCAGCTCAAGTCTGAAGCCGAGCCAGCCAGACCAAGGCAGCACACA
TACAGCCCGCAAGAGGTGTGGCTGGACCAGTGGACAGGATCCGGTCAGCAGCCCTGTGGCTAG
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: SgfI-MluI



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Plasmid Map:


ACCN: NM_001278203

Insert Size: 1101 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:

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_001278203.1](#)

RefSeq Size: 4151 bp

RefSeq ORF: 1101 bp

Locus ID: 23155

UniProt ID: [Q96S66](#)

Cytogenetics: 1p13.3

Protein Families: Ion Channels: Other, Transmembrane

MW: 39.8 kDa

Gene Summary: Seems to act as a chloride ion channel.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (4) differs in the 5' UTR and lacks four consecutive exons in the coding region, but maintains the reading frame, compared to variant 1. The encoded isoform (4) is shorter than isoform 1.