

Product datasheet for **SC122089**

CLCC1 (NM_015127) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CLCC1 (NM_015127) Human Untagged Clone
Tag:	Tag Free
Symbol:	CLCC1
Synonyms:	MCLC; RP32
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF within SC122089 sequence for NM_015127 edited (data generated by NextGen Sequencing)

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ATGCTGTGTTCTTTGCTCCTTTGTGAATGTCTGTTGCTGGTAGCTGGTTATGCTCATGAT
GATGACTGGATTGACCCACAGACATGCTTAACTATGATGCTGCTTCAGGAACAATGAGA
AAATCTCAGGCAAAATATGGTATTTTCAGGGGAAAAGGATGTCAGTCTGACTTGCATGT
GCTGATGAAATATCAGAATGTTATCACAACTTGATTCTTTAACTTATAAGATTGATGAG
TGTGAAAAGAAAAGAGGGAAGACTATGAAAGTCAAAGCAATCCTGTTTTTAGGAGATAC
TTAAATAAGATTTTAATTGAAGCTGAAAAGCTTGGACTTTTTTCATGATTTTGAAACATGG
AAGTGGCGATTTCGAAGATTCTTTGGAGTGGATCCATATAATGTGTTAATGGTACTTCTT
TGTCTGCTCTGCATCGTGGTTTTAGTGGCTACTGAGCTGTGGACATATGTACGTTGGTAC
ACTCAGTTGAGACGTGTTTTAATCATCAGCTTTCTGTTTCAGTTTGGGATGGAATTGGATG
TATTTATATAAGCTAGCTTTTGCACAGCATCAGGCTGAAGTCGCCAAGATGGAGCCATTA
AACAAATGTGTGTGCCAAAAGATGGACTGGACTGGAAGTATCTGGGAATGGTTTAGAAGT
TCATGGACCTATAAGGATGACCCATGCCAAAATACTATGAGCTTCTACTAGTCAACCCCT
ATTTGGTTGGTCCCAACAAGGCACCTTGCAGTTACATTCACCACATTTGTAACGGAG
CCATTGAAGCATATTGAAAAGGAACTGGGGAATTTATTAAGCACTCATTGAAGGAAATT
CCAGCGCTGCTTCATCTTCCAGTCTGATAATTATGGCATTAGCCATCCTGAGTTTCTGC
TATGGTGTGAAAATCAGTTTCTGTGCTGAGACATATAGGCGGTCTGAGAGAGAACCT
CCCCAGGCACTTCGGCCACGGGATAGAAGACGGCAGGAGGAAATTGATTATAGACCTGAT
GGTGGAGCAGGTGATGCCGATTTCCATTATAGGGGCCAAATGGGCCCCACTGAGCAAGGC
CCTTATGCCAAAACGTATGAGGGTAGAAGAGAGATTTTGAGAGAGAGAGATGTTGACTTG
AGATTTTCAGACTGGCAACAAGAGCCCTGAAGTCTCCGGCATTGATGTACCAGACGCA
GAGGCACGAGAGCATCCCACGGTGGTACCCAGTCATAAATCACCTGTTTTGGATACAAAG
CCCAAGGAGACAGGTGGAATCCTGGGGGAAAGGCACACCGAAAGAAAGCAGTACTGAAAGC
AGCCAGTCCGGCCAAAGCTGTCTCTGGCCAAAGACATCAGGGAATACAGAAGTTTACCC
GCAGCGGAAAAGGCCAGCTCAAGTCTGAAGCCGAGGCAGCCAGACCAAGGCAGCACACA
TACAGCCCGCAAGAGGTGTGGCTGGACCAGTGGACAGGATCCGGTCAGCAGCCCTGT
GGCTAG
    
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Clone variation with respect to NM_015127.3
954 c=>a

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_015127 unedited

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GATTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGGGCAAGCTGTG
CGACCTCTTCTGCGGCCGGCCTGGGCAGGTGTCTTCTCGAGAGGCAGGCAGGGGATCCC
GGACACTAGCTTTATCGTCATCTGGGAAATTGTTAAAAATGCAAATTCGCAAGTTTGAGA
GCCATGGTTCCAAGAACTGCATAAGCATACGAAATAAGTTGCAGCCTCCCGACTTATAC
CCTGGTACTTCTAGTCTAAAACAGGATTTGACTCTACTAATCCAGCCTTATACAGGATGC
TGTGTTCTTTGCTCCTTTGTGAATGTCTGTTGCTGGTAGCTGGTTATGCTCATGATGATG
ACTGGATTGACCCACAGACATGCTTAACTATGATGCTGCTTCAGGAACAATGAGAAAAT
CTCAGGCAAAATATGGTATTTTCAGGGGAAAAGGATGTCAGTCTGACTTGTGATGTGCTG
ATGAAATATCAGAATGTTATCACAACTTGATTCTTTAACTTATAAGATTGATGAGTGTG
AAAAGAAAAGAGGGAAGACTATGAAAGTCAAAGCAATCCTGTTTTTAGGAGATACTTAA
ATAAGATTTTAATTGAAGCTGAAAAGCTTGGACTTTTTTCATGATTTTGAAACATGGAAGT
GGCGATTGCAAGATTCTTTGGAGTGGATCCATATAATGTGTTAATGGTACTTCTTTGTC
TGCTCTGCATCGTGGTTTTAGTGGCTACTGAGCTGTGGCATATGTACGTTGGTACTACTCA
GTTGAGAACGTGTTAATCATCAGCTTTCTGTTTCAGTTTGGGATGGAATTGGATGTATTA
TATAAGCTAGCTTTG
    
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Restriction Sites:

NotI-NotI

ACCN:

NM_015127

Insert Size:	2500 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_015127.2 , NP_055942.1
RefSeq Size:	2262 bp
RefSeq ORF:	1506 bp
Locus ID:	23155
UniProt ID:	Q96S66
Cytogenetics:	1p13.3
Protein Families:	Ion Channels: Other, Transmembrane
Gene Summary:	Seems to act as a chloride ion channel.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) uses alternate splice sites in the 5' UTR and in the coding region, but maintains the reading frame, compared to variant 1. The encoded isoform (2) is shorter than isoform 1.