

Product datasheet for **RC238182**

CLCC1 (NM_001278202) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CLCC1 (NM_001278202) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	CLCC1
Synonyms:	MCLC; RP32
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RC238182 representing NM_001278202 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGCTGTGTTCTTTGCTCCTTTGGAATGTCTGTTGCTGGTAGCTGGTTATGCTCATGATGATGACTGGA
TTGACCCACAGACATGCTTAACATGATGCTGCTTCAGGAACAATGAGAAAATCTCAGGCAAAATATGG
TATTTTCAGGGGAAAAGGATGTCAGTCCTGACTTGTGATGCTGATGAAAATATCAGAATGTTATCACAAA
CTTGATTCCTTTAACTTATAAGATTGATGAGTGTGAAAAGAAAAGAGGGAAGACTATGAAAGTCAAAGCA
ATCCTGTTTTTAGGAGATACTTAAATAAGATTTAATTGAAGCTGAAAAGCTTGGACTTCTAGCTTTTGC
ACAGCATCAGGCTGAAGTCGCAAGATGGAGCCATTAACAATGTGTGTGCCAAAAAGATGGACTGGACT
GGAAGTATCTGGGAATGGTTTAGAAGTTCATGGACCTATAAGGATGACCCATGCCAAAAACTATGAGC
TCTTACTAGTCAACCCTATTTGGTTGGTCCCACCAACAAGGCACCTTGCAGTTACATTACCACATTTGT
AACGGAGCCATTGAAGCATATTGGAAAAGGAAGTGGGGAATTTATTAAGCACTCATGAAGGAAATCCA
AATCAGTTCATGTGCTGAGACATATAGGGGCTCCTGAGAGCGAACCTCCCAGGCATTCGGCCACGGGA
TAGAAGACGGCAGGAGGAAATTGATTATAGACCTGATGGTGGAGCAGGTGATGCCGATTTCCATTATAGG
GGCAAAATGGGCCCACTGAGCAAGGCCCTTATGCCAAAACGTATGAGGGTAGAAGAGAGATTTTGGAGAG
AGAGAGATGTTGACTTGAGATTTAGACTGGCAACAAGAGCCCTGAAGTGTCCGGGCATTTGATGTACC
AGACGCAGAGGCACGAGAGCATCCACGGTGGTACCCAGTCATAAATCACCTGTTTTGGATACAAAGCCC
AAGGAGACAGGTGGAATCCTGGGGGAAGGCACACCGAAAGAAAGCAGTACTGAAAGCAGCCAGTCGGCCA
AGCCTGTCTTGCCAAGACACATCAGGGAATACAGAAGGTTACCCGCAGCGGAAAAGGCCAGCTCAA
GTCTGAAGCCGCAGGCAGCCAGACCAAGGCAGCACATACAGCCCGCAAGAGGTGTGGCTGGACCAGT
GGACAGGATCCGGTCAGCAGCCCTGTGGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RC238182 representing NM_001278202
 Red=Cloning site Green=Tags(s)

MLCSLLLCELLL VAGYAHDDDWIDPTDMLNYDAASGTMRSQAKYGISGEKDVSPDLSCADEISECYHK
 LDSLTYKIDCEKKKREDYESQSNPVFRRYLNKILIEAGKLGLLAF AQHQAEVAKMEPLNNVCAKKMDWT
 GSIWEWFRSSWTYKDDPCQKYELLVNP IWLVPPTKALAVTFTT FVTEPLKHIGKGTGEF IKALMKEIP
 ALLHLPVLI IIMALAILSFCY GAGKSVHVL RHIGGPESEPPQAL RPRDRRQEEIDYRPDGGAGDA DFHYR
 GQMGPT EQGPYAKTYEGRREILRERDVDLRFQTGNKSPEVLR AFDPDAEAREHPTVVP SHKSPVLDTKP
 KETGGILGEGTPKESSTESSQSAKPVSGQDTSNGTEGSPA AEKAQLKSE AAGSPDQGSTYSPARGVAGPR
 GQDPVSSPCG

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

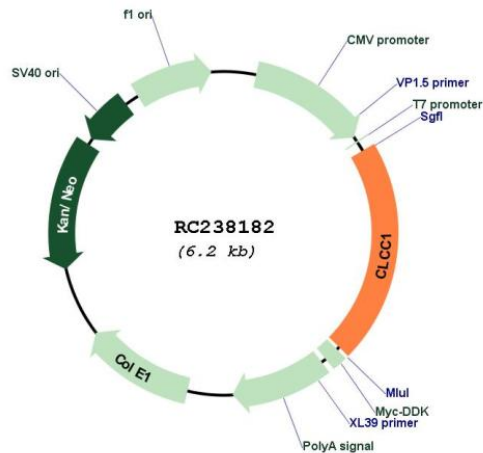
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001278202

ORF Size:	1290 bp
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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_001278202.2
RefSeq Size:	4343 bp
RefSeq ORF:	1293 bp
Locus ID:	23155
UniProt ID:	Q96S66
Cytogenetics:	1p13.3
Protein Families:	Ion Channels: Other, Transmembrane
MW:	47.9 kDa
Gene Summary:	Seems to act as a chloride ion channel.[UniProtKB/Swiss-Prot Function]