

Product datasheet for **MR219911**

Clcc1 (NM_001177771) Mouse Tagged ORF Clone

Product data:

| | |
|---------------------------|---|
| Product Type: | Expression Plasmids |
| Product Name: | Clcc1 (NM_001177771) Mouse Tagged ORF Clone |
| Tag: | Myc-DDK |
| Symbol: | Clcc1 |
| Synonyms: | Mclc |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |



[View online »](#)

ORF Nucleotide Sequence:

>MR219911 representing NM_001177771
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTGTGTCTGGCTGCTCCTTTGTGAATGTCTGTTGCTGATAACGGGTTATGCTCATGATGACGACTGGA
 TTGACCCAACAGATATGCTTAACTATGACGCTGCTTCAGGAACGATGAGGAAATCTCAGGTGAGGTCTGG
 AACATCAGAGAAGAAGGAAGTGAGCCCTGACTCGTCAGAAAGCCGAGGAACTGTCAGACTGTTTGCACAGA
 CTGGATTCTTAACTCACAAGGTTGATAGTTGTGAAAAGAAGAAAATGAAAGATTATGAAAGTCAAAGTA
 ATCCTGTTTTAGGAGATATCTAAATAAGATTTTAATTGAAGCTGGCAAGCTTGGACTCCCTGATGAGAA
 CAAAGTAGAGATGCGTTACGATGCTGAGATTCTCCTGAGCAGACAGACTGTTGGAGATTCAGAAGTTC
 CTCAGCGGAGAGGAGTGAAGCCCGAGCCCTGGACGACGCACTAAGTGACATTTAATCAATTTAAGT
 GCCATGATTGAGAAGCATGGAAGTGGCAGTTTGAAGATTATTTGGAGTAGATCCATATAATGTGTTTAT
 GGTTCCTTGTGTCTGCTGCTGCCTTGTGGTCTGGTGGCTACAGAGCTGTGGACTTATGTTGCTGGTAC
 ACACAGATGAAACGGATTTTCATCATCAGCTTTCTCTTGAAGTTTACGATGGAATTTGGATATATCTGTATA
 AGATGGCTTTTGTCTCAGCATCAGGCTAACATTGCTGGGATGGAGCCTTTGCAATTTATGTGCTAAGAA
 GATGGATTGGACTGGAAGTCTCTGGGAATGGTTTACAAGTTTATGAGCCTATAAGGATGACCCATGCCAA
 AAGTACTATGAGCTCCTAATAGTCAACCCTATTTGGTTGGTTCCACCAACAAAGGCTCTGGCGATTACAT
 TCACTAAGTTTGTAAACGGAACCTAAAGCACATTGAAAAGGAGCAGGTGAATTCATTAAGCGCTCAT
 GAAGGAGATCCAGTGTTACTTCAGATTCGGTCTGGGATCCTGGCGTGGCTGTCTGAGCTTCTGC
 TATGGTCTGGAAGGTCAGTTCCTATGCTGAGACACTTCGGTGGTCTGACAGAGAACCTCCCGAGCAC
 TTGAGCCAGATGACAGAAGACGACAGAAGGGACTTGACTATAGACTCCATGGTGGAGCAGTGTGAGAGA
 TTTCTCTTACAGGGGCCAGCTGGCTCCATCGAGCAAGGCCCTTATGACAAAATGCATGCGAGTAAGAGA
 GATGCTTTGAGACAGAGATTTCACTCTGGCAACAAGAGCCCTGAAGTGCTCCGGGCAATTTGACTTACCTG
 ACACAGAGGCACAAGAACATCCAGAAGTGGTCCCAGCCATAAATCACCCATTATGAACACAAAACCTTGA
 GACTGGTGAACCTCCAGGAGAAAGCACCCCGACAGAATACAGCCAGTCTGCCAAGGATGTCTCTGGCCAA
 GTTCCCAGCGCTGGCAAAAGCTCACCCACAGTGGACAAGGCCAGCTGAAGACAGACTCCGAGTGCAGCC
 CACCAGGAGGCTGCCACCCAGCAAGGAAGCTGCAGTGGCAGCACACGGGACTGAACCTGTCAGCAGCCC
 ATGTGGC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR219911 representing NM_001177771
 Red=Cloning site Green=Tags(s)

MLCRLLLCELLLITGYAHDDWIDPTDMLNYDAASGTMRSQVRSSTSEKKEVSPDSSEAEELSDCLHR
 LDSLTHKVDSCCKKMKDYESQSNPVFRRLNKLIEAGKLGPDENKVMERYDAEILLSRQTLLEIQKF
 LSGEHWKPGALDDALSDILINFKCHDSEAWKWQFEDYFGVDPYNVFMVLLCLLCLVVLVATELWTVYRWY
 TQMKRIFIIISFLLSLAWNWIYLYKMAFAHQHANIAGMEPFNLCAKKMDWTGSLWEWFTSSWTYKDDPCQ
 KYEYELLIVNPIWLVPPTKALAITFTNFVTEPLKHIKKGAGEFIKALMKEIPVLLQIPVLAIALAVLSFC
 YGAGRSVPMLRHFGGPDREPPRALEPDDRRRQKGLDYRLHGGAGDADF SYRGPAGSIEQGPYDKMHASKR
 DALRQRFHSGNKSPEVLRFDLPDTEAQEHPEVVP SHKSPIMNTNLETGELPGESTPTEYSQSAKDVSGQ
 VPSAGKSSPTVDKAQLKTDSECSPPGGCPPSKEAAVAHGTPEVSSPCG

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN: NM_001177771

ORF Size: 1617 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:
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_001177771.2](#)

RefSeq Size: 2246 bp

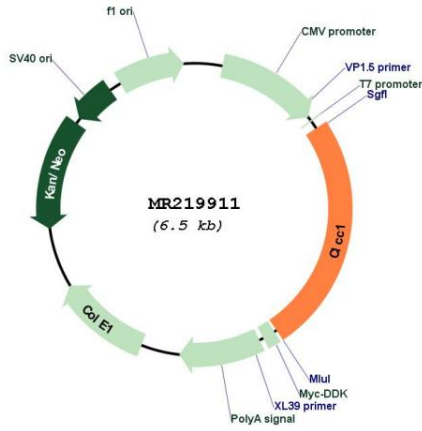
RefSeq ORF: 1620 bp

Locus ID: 229725

UniProt ID: [Q99L12](#)

Cytogenetics: 3 F3
 MW: 60.6 kDa
 Gene Summary: Seems to act as a chloride ion channel.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR219911