

## Product datasheet for **SC216122**

### CLIC2 (NM\_001289) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	CLIC2 (NM_001289) Human 3' UTR Clone
Symbol:	CLIC2
Synonyms:	CLCNL2; CLIC2b; MRXS32; XAP121
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001289
Insert Size:	1722 bp



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**Insert Sequence:** >SC216122 3'UTR clone of NM\_001289  
 The sequence shown below is from the reference sequence of NM\_001289. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TACGCAAATGTGGCTAACAGAAAGAGTTAGGGAGAGCTCTTACAGGAGACAAGGCTATATTTGTGATCAG
ATTTTACTTATTGACATATTAGAAAGGTTTTTGCAAATAAGAATATGAAAATACTGTTTCTTCTATCC
AACTCTCTTATGAAAAGGAACTCTGTATTTTCTATTAGCCATAAAATAATCTGTCCACTGTATTTTACAG
GTCTTCACTTTTACTTAATTTTCTTTATCTGTATGGCAAACCACTGCAATCCTGAATGACATGGAAA
GCATCACAATCTTTTGCCTTTGCTTGAATTCCTGGAATGCATACATATAAGCTAAACAGATGTCTGCA
GTTATAAATGTCATAAGTAGAGGTACAATCTCACCTGCTCCTTAGAAACATTTCCATATAAATCGCTA
AAATAATTTACATTTTTGTTAGTTAATATATACATGAGTTTATTTCTGATATAAATAAATAACAG
AGAGTGAGCATATCAGAGAGGCAAATTCCTAAAGAATGATTTTTAAAATCAGCTCTAGGAAGAGCTCAA
GATCAATTTGGTCATAGAACAGCATTGACGCTAGAACTATGACCACCTCATGGTCAGAGATGAGAATG
TAGCCTTTGTGACCAGATTATATATTTTTAAATGAAGAAGCACTCATTAAATAAACATAATTTTTAAA
AAACAATAAAGAAACAAAGTCAACTGAATCTTTTATTATAGAAATGAAAAGGAAAAATAAAAACTGTG
GCTGACCAAAAAGGCTCTTCTTGTGTCCATAAAAGGATAAGGTAACAGTCCTTAGATAATTACAAAAC
TTCTACAAAAGTTAAAATGTTACATTACTATACGTATTCAGATTCACCTGTTAAAGTACTCTTAAATCA
TTCAAATCTGAAAACAAAAGCTGAACCTTAACTCTTGTCTCCCTCAAAGAGAAAACACAAGCATAAGTGCA
GCTTCAAAAAGGAAAAATTTTTAGGCTTTGGTGAAGGGTGGAGTTTAGATAAAAATTTAAATGAAGTA
GCGTTTTAATAGGTTCAAAGAAAAGTAAGGCAATGAGCAAACCTCAAAGTACTGTCCTTGAAAACCATAG
AGTCAAGATAAATGTATAGTGTATGGTTAGGTGGCAGAGAAATGCAATCATGTTGATAATCTTTGAGAT
ACATCCTGTCATCAGTATATTTGAGAATACATGCAATGCACTAGCAAGTTACAATTGATAGAATACATT
TGAAATGTTAAATGAAATAAGCCAGGCACAGAAAGACAAACACCACATGATCTCACTCATATGTGGAAT
TTTAAAAAGTTGATCTCACTCATATGTGGAATTTTAAAAAGTTGATCTCACACAAGTAGAGGGTAGAAT
CGTGGTTACCAGGGGCTAGGGAGAGAAAGAAGGCAGAGGCACTGAAAGATGTTGGTCAATGGGTATAAA
GTTACACCTAGGAAGAATAAATTTTGGCATTACCACAGTAGGGTACTATAGCAAATAAATGTAGC
ATGATTTCAAGATAGCTAGAAAAGCAGGTTTTTAAATGTCACCACAAAGAAATAACAAATGTTTATAG
TGGTGGATATGGTAATTACGCCTATTTGATCATTATACTGTGTACATGCATTGAAACACCACATTGT
ATCCCATATATGTACAATTATGTGCCATTATACATTTAAAAAATAAATTTTAAAAACCTTCAA
ACGCGTAAAGCGGCCGCGCATCTAGATTGAAAGAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
  
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**Restriction Sites:** SgfI-MluI

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

**Components:** The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

**RefSeq:** [NM\\_001289.6](#)

**Summary:** This gene encodes a chloride intracellular channel protein. Chloride channels are a diverse group of proteins that regulate fundamental cellular processes including stabilization of cell membrane potential, transepithelial transport, maintenance of intracellular pH, and regulation of cell volume. This protein plays a role in inhibiting the function of ryanodine receptor 2. A mutation in this gene is the cause of an X-linked form of cognitive disability. [provided by RefSeq, Jul 2017]

**Locus ID:** 1193

**MW:** 67.3