

Product datasheet for **SC205860**

CLCN2 (NM_004366) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: CLCN2 (NM_004366) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: CLCN2
Synonyms: CIC-2; cIC-2; CLC2; ECA2; ECA3; EGI3; EGI11; EGMA; EJM6; EJM8; HALD2; LKPAT
ACCN: NM_004366
Insert Size: 451 bp
Insert Sequence: >SC205860 3'UTR clone of NM_004366
The sequence shown below is from the reference sequence of NM_004366. 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
CCTTCCGACAGCGACGACAAATGCCAATGAGCCCTCGTGGGTGGCCTAGGATGGTCTAGCCATGCC
GTCAGCCCAGAAATGTGCATCTTTCATTCTTCTGCCTTCGGAAGGCAGGAGGCAGCTACAGCTGGAGGC
TGACCCCGACCCCTCCAGACCTGGGGTGCCAGCTTCTCCAGTTCATCCTACCTGGAATCTGACCCA
CTACCCACCTGCAACAAGTCTTCCAGAGGCAGGAAGATAGGCCCTGCCCTGGCAGGATGGGTTGGGGTC
ACTTGACCCCTGCTCCCTTTGAGGGGAAAGGGTGGAACCTAAGATGGGTTTATAACTGGAACCTCCA
ATGACCAGATGTATAGAGATTTACAAAGATTTTATATTAATTTAATAAAAACAAATTCTTAAATAGA
ACAAAATAAACACCTAATGAGCCACTTATATAGAA
ACGCGTAAGCGGCCGCGCATCTAGATTCTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCCTTCTATGAAAGG
```

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_004366.6](#)



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Summary: This gene encodes a voltage-gated chloride channel. The encoded protein is a transmembrane protein that maintains chloride ion homeostasis in various cells. Defects in this gene may be a cause of certain epilepsies. Four transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Mar 2012]

Locus ID: 1181

MW: 16.2