

## Product datasheet for **SC217247**

### **ACCN2 (ASIC1) (NM\_020039) Human 3' UTR Clone**

#### **Product data:**

|                           |                                              |
|---------------------------|----------------------------------------------|
| Product Type:             | 3' UTR Clones                                |
| Product Name:             | ACCN2 (ASIC1) (NM_020039) Human 3' UTR Clone |
| Symbol:                   | ACCN2                                        |
| Synonyms:                 | ACCN2; ASIC; BNaC2                           |
| Mammalian Cell Selection: | Neomycin                                     |
| Vector:                   | pMirTarget (PS100062)                        |
| ACCN:                     | NM_020039                                    |
| Insert Size:              | 1992 bp                                      |



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**Insert Sequence:** >SC217247 3'UTR clone of NM\_020039  
The sequence shown below is from the reference sequence of NM\_020039. The complete sequence of this clone may contain minor differences, such as SNPs.  
**Blue**=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CGAGGCACGTTTCGAGGACTTTACCTGCTAGCCCCGACAGCCGCTGAACCAAGGCTAGATGGGGAGG
ACTAGGAGAGCGAGGGGGCCCCAGCTGCCTCCTCACATCTGCCCTGGGGACTCCCCACACTCCGGGGC
AGATCTTTCCTCTGTCTGTGGTAAGGAAGGAGTCTTGACCATAGAGTCTCTCTGCCTCTATCCCA
TTCTTTTTACATTTAACAAAATAATCTAAAAAAGAACTAAAAAGGGAGAACGGGGCAAGGGACCTCAG
GCTGCCCTCTCTCCTCCATGCTGCCTCCCTAGCTCCAGCCTGAATTCTGTCTATCTAGCTGTCTGC
CATCTGAGTGCCATCTACATTCTGCTGCCACCAGTCACCAAAGGCCCTTCCAGTGAGGGGTGGAAGG
GATCTCTGGGGTCTGGAATTTGGCCCCAAACCAGAGAATGTACCTTAAGGGGGAGGGCTAGTGTGGGGG
AGGGAGGCTTCCCGAGCCTTAAGAGACCCTCTCAGCCAGTGACTGTCCCAAACCAAGTCTCCTGGC
AGGAACTAAAACCTCAGCCCCACTCTCTACACCATGTGGAATCTCGTGGGGGTGCGGGATCCCCTTAA
GAAGTGGTAATGGGGACAAGATGCGGCCCTGGTGTCTAGGCTACATCCTGATACCTATAAGTTCACCC
CCACCCACAGCTGCTGGAGAGAAATCCCAAGAGGCAGCCCTTCTCACCATCCCATTAAAGACGGGC
TGGTTAGCGTCCAGCTCAGGGAGAAGGGCGCTAGTGCCTAACCTCACTGGTCCCTCTCCCGAGGCCCT
TGTAAGGGCCACGTCCATAAATTTCTTATGGAATCTCCACATCCTTCCCCAACTTCATTGCT
TCTCTCAACAACCTCATCTGCATTTTCTATTTCTATATGATACAGACTCTATATTGCTATATCTGTGA
TATACTTTCCAGCCCTGTCTGTCTCCACCCCATCCCCTCTGTCTCTGAGAACCATTCTCCACCCCA
AGTTCCACCTTCTATGTTTCTACTCCCTCCCTGGTCTCTGAATGCCTTCGCCTGTATAAAGAGTTGGAC
TCTCTCCCTGGTGTCTGTACTGTGTACACACATCCCTCTGAGAAGCACAAAGGAGACGACACGCGCATT
GTAACCTTTGCACTGTCTCAGTGGCGACAAGGAAGCTGTGAATCACAAGCTCTGCCTCTTTCTGGCCT
CACCTCTCCCCAACCCGGGCACCTCGGCCCTCCCTGCAGCCTTAACATTCTCTTCCCTGCTCCTC
CTATCCCATTTGCCCTCTGCCAGCTGACAGTGGCATCCCCAGGGAAGGGTTGCTGTAGAGATAGCCCC
CACCCAGGGGATGGAGGTCTACCTGGACACTAAGCCAAGTGTGTGAGAGACAGAAGGGAGCTGGGGAT
TGGCGACTCCTGAAGTTGGGCGAGTGGGATGCTGACAGGCAGAAGCTGAGGTCTCAGTCAGTGGCCTT
TCCTCCTTCTGGGTGCCAGCCCCCTTTCTCACCTGATACCAAGCCCACCACTTTTATTTTCTGGTG
AGGTGGGTTTGGGAGGAAAGAGAGGCCTAGAGGAGGAGTTGAAAGCTCTGCTGTTGTCTACCCCTATCT
TAATGAGAGACAAGTGAGGTGGAGGGCCTGCCCCCTCCCTCCACCAGACACTCCTTCCAGGCCTGAG
CCCCAACCCCTCTTCAGGCCTTCCCTCCCTAGCTGTGTCTTGGTCTTCAATCCAGAACAGGACCTGTG
AGCAGTGTCATTGGCCTGGAGCTGGAGAGTAAGGCTGTAGGATCTTTGGAATCTCTTGGTTCTTAAGAG
TTTCTCAGAGATCATACCTCCCAGAGGGAAGCAGGAATGAGGCCAAAAAGTGTGCAATTGGATAGGGG
AACAGCAGGCAGGGCTCTGGGTGACGCATGCCTCTGGTCTAATAAACTGGGTTTCAACCA
ACGCGTAAGCGGCCGCGGCATCTAGATTCTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
  
```

**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\\_020039.4](#)

|           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Summary:  | This gene encodes a member of the acid-sensing ion channel (ASIC) family of proteins, which are part of the degenerin/epithelial sodium channel (DEG/ENaC) superfamily. Members of the ASIC family are sensitive to amiloride and function in neurotransmission. The encoded proteins function in learning, pain transduction, touch sensation, and development of memory and fear. Alternatively spliced transcript variants have been described. [provided by RefSeq, Feb 2012] |
| Locus ID: | 41                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| MW:       | 72.7                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |