

Product datasheet for **SC201757**

SCN1B (NM_199037) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	SCN1B (NM_199037) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	SCN1B
Synonyms:	ATFB13; BRGDA5; DEE52; EIEE52; GEFSP1
ACCN:	NM_199037
Insert Size:	2000 bp



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Insert Sequence: >SC201757 3'UTR clone of NM_199037
 The sequence shown below is from the reference sequence of NM_199037. 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
ATCCGATGTGTTTCTCGGGGTGGTGTGAGCCATTCTTCCATCATGGGGTTCATGAGGATTGAGCAGC
TGCAGGCACACGCTGGCTTCCAGCAGAGCCTTGCAGGTGGTGGCGAGGGTGGCGTTCCTACTGTTTCG
AGTAGCTCAGCCCTGCTGCCCTCTGTGGTGTAGGGAAGAGAGCGTGCCACCTAGAGCAGAGTCCGC
ACACCCCTCTGCACTCCTGCCCCGGGGAGCCGCGCTGGCCTGCAGTCTCACTCAACACCTCTGGGGCG
GGCCTAGGGTCTTTCTAAAGCTCTCAGGTGAGGCAGTGAAGGGCCACAGGTGCGGGGCCACCCTCT
GAGCAGCAAGGGCTACAGCGCTTTTGAACGTCTCATTTTTGCCTCAGCCACCCTGGACCCCTTTTC
TGAGGGAGGTCCGCCCTTCTCTGATCCATCTTCTGCTCAGCATCAATTGCAATTGTCCAGCGCCCTGT
GGCCACTGGCTTAGAGTTGGGAAACAGCCAGGCCTTGAAGCAGCTACAAGCCGTGGCAGAAAGTCT
CTCAGGGCCACGCGCACACATCCTCATGGGCAACACGCACTGCCCATCTTTTCTGTGAGATGGGTGCC
GGCCTCAGTGCCTTACACGGAGTCCCTTAGTGAATCCTCTCCCCACCCTCTGGGGTAGGGGCTCTTCT
ATCCCCATTTTACGGATGAGAAAACCAAGGCTCAGGGAGGGAAGGTTATGTGGCCAAAGTCATGTGATT
GGGAGCTGGACTTGAATCCAGAGGAGCTTGGGTGACTGTGTTTCTGTTCTTGGCATGATTCACTGTACT
CTGTGATCAGCCAGAGCCTGTGGGTTTCTTTTTATAATTAGCATTTTTACGTTTATTGTCAAATGGTG
TAGCAGAATGCAATTCAGCAGGCATGTCTGAGCCACTCTGGTGTGTCACGATGCTGGGGGGTGGGGG
TCACCCGACAGACATGGATGATGGAGCCCCGCTGCGGAGTTGCTGTGACAAAGATGCCTGCGGTACTGG
GACTTTACAAAACCTGTGTTATTGCTCTTGCAAATCTGCAGAGGTGAGATGGGGAGAGGGTGGGAGGCT
CCAGGGCACTGTTACGCCACCCAGGTTCTTCCATCTTGTGTTGGCAGTTGGCCAGGGTGTGTTGTC
CTCTGTACGCCGTGACCAATAGAGCCTTTTTTTTTTTTTTTTTAAATTTAGATTTTTATTTTTTGA
CGGAGTTTTGCTATTATTGCCAGGCTGGAGTGAATGGCGTGATCTCGGCCACTGCAACCTCTGCCT
CCCAGGTTCAAGTGATTCTCCTGCTTACGCTCCCGAGTAGCTGGGATTACAGGCATGTGCCACCAAGC
CCAGCTAATTTTTGTATTTTTAGTAGATATGGAGTTTCCCACATTGGCCAGGCTGGTCTCGAATCCT
GACCTTAGGTAATGATCCACCTGCCTTGGCCTCCAAGGTGCTGGGATTACAGGTGTGAGCCACTGCGC
CTGGCCTGAGCCTCTTTTTTAGGATTGCCACTGTATGACACTACATCCACAGCCTGTGCTATTAC
CAGCATTTACCATCATATGCAGTTCCTTATGTTGGCCCTGCAGAGTTTGTGTTTTCTGCACTATCCACC
CAGTTCTAGTGTTTTTTACCACCATATGTAGTATTGCCTTTTAAACATTACCCTATATTATAGTAT
TTTATATTACCCACTATAGGATATTTTATATTACACAATATTTTTACTATCATAATATTGCCAAACAC
AACAGTTTTTTGTTTTTTGTTAAAGAGACCAAGTCTTGCTCTGTTGCCAGGCTGGGATACTGTGGCGT
GATCATAGCCACTGCAGCCTCGAACTCCCGAAATCCAGCGATCCTTCTGCTTGAACCTCCACGTAGC
TGGGACTACAGGTGTGAGCCACTACGCCCGCAATTTTTTTTTTTTTTTGTAGAGACTGGATCTTGCTA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCACCGCCGCTTCTATGAAAGG
  
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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_199037.5](#)

Summary: Voltage-gated sodium channels are heteromeric proteins that function in the generation and propagation of action potentials in muscle and neuronal cells. They are composed of one alpha and two beta subunits, where the alpha subunit provides channel activity and the beta-1 subunit modulates the kinetics of channel inactivation. This gene encodes a sodium channel beta-1 subunit. Mutations in this gene result in generalized epilepsy with febrile seizures plus, Brugada syndrome 5, and defects in cardiac conduction. Multiple transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Oct 2009]

Locus ID: 6324

MW: 73.3