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Product datasheet for SC208746

SCN1B (NM_001037) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones

Product Name: SCN1B (NM_001037) Human 3' UTR Clone

Vector: pMirTarget (PS100062)

Symbol: SCN1B

Synonyms: ATFB13; BRGDA5; DEE52; EIEE52; GEFSP1

ACCN: NM_001037

Insert Size: 688 bp

Insert Sequence:

>SC208746 3'UTR clone of NM_001037
The sequence shown below is from the reference sequence of NM_001037. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AACTGCACGGGCGTCCAGGTGGCCGAATAGCCCTGGCCCTGGGCCCCGCCTCAAGGAAGAGCCAGCCGT
AATGGGGACTCTCCAGGCACCGCCTGCCCCCAGCGTGGGGGTGGCCACTCCTGGGCCCCAGAAAGCCTC
AGAGTCCTGCCGACGGAGCCACTGGGGTGGGAGGGGGCAGGGGGCTTGGCTCGCACCCCCACTTTCGCC
TCCTCCAGCTCCTGCCCCGCCGGCCGCGCACCGCCATGCATGATGGGTAAAGCAATACTGCCGCTGCCC
CCACCCTGCTTCTGCTGCCTGTTTGGGGAGGGGGGCGGTGAGGTGGGGGCAGCGGCCCCGCACCCCTCC
TCCTTGCTGATTTGCACACATTGGCCGCTTCAGACACGCACTTCTGGGGCCAGCCCCTCCCCGCCTCCT
CCCTGCCTGGCGGCAGGGGTCGCGATGATGGGCTGGAGCAGTTTGGGGCAGGGGGTTCTGGGACCCACT
CCGACTCCCCCTCCCCGGCATCATTTCCCCTCCCGCTTCCTCCGGCTGGACCTGGGGTCCCCCCTCCCT
GTAATGCACTCCTGCCCCGGCCCAACCTCGCCCTCTCTCACCAGCCTTGAACTGTGGCCACCTAGAAAG
GGGCCCATTCAGCCTCGTCTCTTTACAGAAGTAGTTTTGTTCATGAAATAAAGACTCTTGGACTTGA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG

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.

View online »

RefSeq: NM_001037.5

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: 23.9