

Product datasheet for **SC212371**

Nav1.6 (SCN8A) (NM_014191) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Nav1.6 (SCN8A) (NM_014191) Human 3' UTR Clone
Symbol:	Nav1.6
Synonyms:	BFIS5; CERIII; CIAT; DEE13; EIEE13; MED; MYOCL2; NaCh6; Nav1.6; PN4
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_014191
Insert Size:	2000 bp



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Insert Sequence: >SC212371 3'UTR clone of NM_014191
The sequence shown below is from the reference sequence of NM_014191. 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
CAAAAAGAGGTCAGAGAATCCAAGTGTAGAGGAGAACAATAATTAGTATTATACAGATCTAAATCTC
GCAAGTGAAAGATTGTTTACAACTTCCTGAATATTATCAATGCAGAACAGCTGTGGAGACTCTAACCT
GAAGATCTATACCAACGTCGTCTGCTTACCACGTAACACAGCTGCATCTTGAGCAGTGACCTGCCAAG
GGCAAAGGACCCCGCTCCCTAGACTTACAGATTTTCTAATGCTTGGCAGGTGGTACTGCATGTTCCA
CATCAGTCAATGCAACTTAGGACAAAATAACCAGATACAGAAACAGAAGAGAGGCTGCCGGGACCAGC
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TTTAAAGTTTCGTTTGTTCATGCAAACTATTTGCATTCTTACATTAGTTAAGCTAAGCAGCAAAAAG
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GAGGACTTGCTCAGGCCGATTCCAAACATTGTGCTCGTTCAATGCGTAGAAATGATTGTCATGATGGCA
TGCCGTGATCAGAAGTCATGCATGAGATCCATACACCACAGGACACTACTAATCTAGTCCCTTGCACTG
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TGTGTCCAGTACATGGGGGAGACTTTGATCCCAATGGCTTGTACTATTTATGTCAGTGTAAACCAAA
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ACTGAGCAGGGCTTCCCTTGCCACAGAGGTGGGTGAGGGTAGCAGCATTGGGGTTACGGCTGTGGTTT
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TCCAGCTTCCCTCAGTGCATTCCCTTGACGCCAGTTTTGCTATCTGCTTAGCGACCTGCCATTGTCAT
TGAAGTGTGGCTTCTGGGGGAGCGTCATATCTTCCATTCCATCTCCTGCTTAGGAAAGACAGTTTTTA
GTCCAGGGGTTTCTCACCTAATGACTGGATTTCAAAGCCAAGATGCTGCAGTTGAATGTGTCAGGAAGT
CTCTATACAAAGAGTGAAAAGAGACTTTAGCATGTGAACCAATCCAAATAAATCTTCTGAACCATATA
CACTAGAGGGGGAAGAAGAACCAACCCATAATCAGACACACCGATCTGCCTTGCAGTAGAAGCACTTT
ACGCGTAAGCGGCCGCGGCATCTAGATTGGAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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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_014191.4](#)

Summary:	This gene encodes a member of the sodium channel alpha subunit gene family. The encoded protein forms the ion pore region of the voltage-gated sodium channel. This protein is essential for the rapid membrane depolarization that occurs during the formation of the action potential in excitable neurons. Mutations in this gene are associated with cognitive disability, pancerebellar atrophy and ataxia. Alternate splicing results in multiple transcript variants.[provided by RefSeq, May 2010]
Locus ID:	6334
MW:	76.6