

## Product datasheet for RR216073

### Scn1b (NM\_001271045) Rat Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Scn1b (NM\_001271045) Rat Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Scn1b  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**ORF Nucleotide Sequence:** >RR216073 representing NM\_001271045  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGGGACGCTGCTGGCTCTCGTGGTGGGCGGGTCTGGTATCCTCAGCCTGGGGGGCTGCGTGGAGG  
 TGGATTCTGAGACCGAGGCAGTGTATGGGATGACCTTCAAATCCTGTGTATCTCCTGTAAGCGTCGTAG  
 TGAGACCACCGCCGAGACCTTACGGAGTGGACCTCCGCCAGAAGGGCACAGAGGAATTTGTCAAGATC  
 CTACGCTATGAGAATGAGGTGCTGCAGCTGGAGGAAGATGAGCGCTTTGAGGGCCGTGTGGTGTGGAACG  
 GTAGTCGGGGACCAAGGACCTGCAGGACCTGTCCATCTTCATCAACCAATGTCACCTACAACCCTCTGG  
 CGACTACGAATGTCACGTCTACCGTCTCCTCTTTGATAATTACGAGCACAACACCAGCGTCGTCGTCGTC  
 AAGATCCACCTGGAGGTGGTGGACAAGGCCAACAGAGATATGGCATCCATCGTGTGTCAGAGATCATGATGT  
 ACGTGTCTATTGTGGTGTAAACCATATGGCTCGTGGCGGAGATGGTGTACTGCTACAAGAAGATTGCTGC  
 TGCCACGGAAGCTGCTGCACAAGAGAATGCCTCGGAATACCTGGCCATTACTTCCGAGAGCAAAGAGAAC  
 TGTACAGGCGTCCAGGTGGCTGAATGTACAGGCGTCCAGGTGGCTGAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RR216073 representing NM\_001271045  
 Red=Cloning site Green=Tags(s)

MGTLALVVGAVLVSSAWGGCVEVDSETEAVYGMFKILCISCKRRSETTAETFTWTFRQKGTEEFVKI  
 LRYENEVLQLEEDERFEGRVVWNGSRGKDLQDLSIFITNVTYNHSGDYECHVYRLLFFDNYEHNTSVVK  
 KIHLEVDKANRDMASIVSEIMMYVLIVVLTIIWLVAEMVYCYKKIAAATEAAAQENASEYLAITSESKEN  
 CTGVQVAECTGVQVAE

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**



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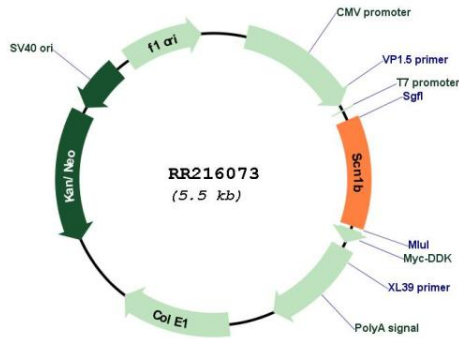


Cytogenetics: 1q21

MW: 24.7 kDa

Gene Summary: has voltage sensitive sodium channel activity when coexpressed with alpha subunits; plays a role in initiation and propagation of the action potential [RGD, Feb 2006]

**Product images:**



Circular map for RR216073