

Product datasheet for **RN210027**

Scn4b (NM_001008880) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Scn4b (NM_001008880) Rat Untagged Clone
Tag: Tag Free
Symbol: Scn4b
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN210027 representing NM_001008880
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTCCCGGGCTGGGAACCGAGGCAATACTCAGGGCAGATGGCTGGGCATTGGGCTTTGGGTCTCTTCC
TGCTCCCCATGTACCTGTCGTTGGAGGTATCTGTGGAAAGGCCACCACCATCTACGCTATCAACGGCTC
AGCGATCCTGCTACCCTGCACCTTCTCCAGCTGTTATGGCTTTGAGAACCCTACTTCAGGTGGTCTCTAC
AATAACAGCGAAACATCCAGGATTCTCATCGACGGGATCGTGAAGAATGATAAGTCTGACCCTAAGGTGA
GAGTGAAGGATGATGACCGCATCACCTAGAGGGCTCCACTAAGGAGAAGATGAATAACATCTCCATCCT
CTTGAGTGACCTGGAGTTCAGTGACACGGGCAGATACACTTGCTTCGTGAGGAACCCCAAGGAGAAGGAC
TAAACAACCTCTGCTACGATCTTCTCCAAGTGGTTGATAAATTGGAAGAAGTGGACAACACAGTGACGC
TCATCATCCTGGCTGTGGTAGGCGGGTTCATCGGACTTCTCGTCTGCATCCTGTTGCTGAAGAAGCTCAT
CACTTTCATCCTGAAGAAGACCAGAGAGAAGAAGAAGGAGTGTCTCGTGAGTTCCTCTGGGAACGACAAC
ACAGAGAACGGGCTGCCTGGTTCCAAGGCAGAAGAGAAGCCACCCACAAAAGT**GTA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001008880
Insert Size: 687 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).



[View online »](#)

Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_001008880.1</u> , <u>NP_001008880.1</u>
RefSeq Size:	4272 bp
RefSeq ORF:	687 bp
Locus ID:	315611
UniProt ID:	<u>Q7M730</u>
Cytogenetics:	8q22
Gene Summary:	disulfide-linked sodium channel auxiliary subunit [RGD, Feb 2006]