

Product datasheet for **RN209392**

Snap91 (NM_031728) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Snap91 (NM_031728) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Snap91
Synonyms:	Ap180
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN209392 representing NM_031728
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTCGGGCCAAACGCTCACGGATCGGATCGTCCGCTCAGTACAGCGTACTGGCTCTGCTGTAGCAA
 GAGCCGCTGCAAAGCCACCACTCATGAGGTGATGGGCCCAAGAAGAAGCACCTGGACTATTTGATCCA
 GGCTACCAACGAGACCAATGTCAATATTCCTCAGATGGCGGATACCCTCTTTGAGCGGGCGACAAACAGC
 AGCTGGGTGGTGGTATTTAAAGCTTTAGTGACCACACACCACCTCATGGTGCACGGAAATGAGAGATTTA
 TTCAGTATTTGGCCTCTAGAAAACGCTGTTCAACCTGAGCAACTTTCTAGATAAGAGTGGATCCACGG
 TTATGATATGTCCACGTTTACACGCTTATAGTAGATACTTGAATGAGAAGGCTTTCTCCTACAGACAG
 ATGGCATTGACTTTGCCAGAGTGAAGAAAGGGCCGACGGTGTATGAGGACAAATGGTTCCTGAAAAGT
 TGCTGAAGAGCATGCCAATCCTGCAGGGGCAGATCGACGCACTGCTGGAGTTCGATGTGCATCCAATGA
 GCTAACAAATGGTGTCAAATGCTGCATTTATGCTTCTTTTCAAAGATCTTATCAAAGTGGTTCCTGCTGC
 TACAATGACGGGCTCATTAACTTACTTGAAAAATTTTTGAGATGAAGAAAGGTCATGCAAAGACGCGC
 TAGAAATTTACAAACGATTTCTAACTAGAATGACTCGAGTCTCCGAATTCCTCAAGGTCGCGGACGAAGT
 TGGTATTGATAAAGGTGACATTTCCCGACCTCACACAGGCTCCCAGCAGTCTTATGGAGACCCCTTGAACAA
 CATCTAAATACCTAGAAGGAAAGAAACCTGGAACAATGAAGGATCTGGTGGCTCCCTCTCCATTAAGTA
 AGTCTTCTCCAGCCACAACCTGTTACATCTCCTAATTCTACACCAGCTAAAATATCGACACGTCCCCACC
 AGTCGACATCTTTGCAACAGCATCCGCGGCTGCCCCAGTCAGCTCTGCTAAGCCATCAAGCGATCTCCT
 GATCTTCAGCCAGACTTCTCCGAGCACGTGCGGGGCGCAGCAGCGCTGTACCACCACCTACTGGGGGAG
 CCATCGGTGGGAGACCTTTTGGGAGAGGATTCCTTGCTGCACCTTTCTCTGTTCCTGTAAGCACC
 GATTTCTGACCCATTTGCACCAGAACCTTCCCTCCTACTACAACCACTGAACCTGCTTCAGTTCTGCC
 TCAGCCACCACAGCTGTGACAGCTGCCACTACAGAAGTGGATCTCTTTGGAGATGCCTTTGCAGTTCTC
 CTGGGGAGGCCCTGCAGCATCCGAAGGGGCCACGGCACCAGCTACCCCGGCCCGGTGGCTGCAGCTCT
 TGATGCATGCTCAGGAAATGACCCTTTTGGCCATCTGAAGGTAGCGCAGAGGCTGCACCTGAGCTCGAC
 CTCTTTGCAATGAAGCCACCTGAGACCAGCGCTCCTGTAGTTACCCCTACAGCTAGCACAGCCCCCAG
 TTCCCGCAACTGCTCCTTCTCCTGCTCCACGGCTGTGGCAGCCACTGCTGCCACCACCACCGCCCGCC
 TGCAGCTACCACCACCTGCCACCCTCTGCTGCTGCTGCCACCACCGCCGCTGCTCCTCCTGCTTAGAT
 ATCTTTGGTGATTTGTTGATTCTGCTCCTGAAGTTGCTGCGGCATCTAAGCCGACGTGGCTCCTAGCA
 TAGACCTGTTTGGCACAGACGCTTTCTCCTCCACCACGAGGGGCTCTCCGGTGCCTGAGAGTTCTCT
 CACTGCTGACCTCTTATCCGGGTCTGGGTTTCACTGTGCTGAGGATGACCGTCATGTTCCCTGTCTTTC
 ACTGCTGTGGACGCGTTTGCAGCGCCGTCGCTGCATCCACTGCCTCTCCTGCAAAGGCGGAGTCCCTCGG
 GTGTATAGACCTTTTGGGGATGCGTTTGAAGTAGTCTTCTGAAACCCAGCCAGCACCACAGGCTGT
 TTCTAGTTCATCAGCATCGGCAGATCTACTGGCTGGATTTGGGGTCTTTTATGGCCCCCTTCTACAACA
 CCTGTGACTCCAGCTCAGAATAACCTGCTGCAACCAATTTTGGAGCAGCTTTTGAACAACGCCTTCGA
 CTTCAAGCAGCAGCTCCTTCGACCCATCAGGCGATCTTCTGATGCCAACCATGGCACCCTCCGGGCAGCC
 TGCCCCGTCTCAATGGTCCCACCCAGTCCCTGCAATGTCAGCCAGCAAAGGCCTTGAAGTGCCTTGAC
 TCGTCTTGCCAGCTTAGTAGGCAATCTTGGGATTTCTGGTACCACATCAAAAAGGGAGATCTCCAGT
 GGAATGCTGGGAGAAGAAGTTGACCGGTGGAGCCAACCTGGCAACCAAAAGTCACTCCGGCCACATGGTC
 AGCAGGCGTTCCACCGAAGGCACTGTTCTCCAACAGCTCAGTCCCTCCGGGTGCCGGCGCCCGTCT
 GTTGGGCAACCTGGAGCAGGATATGGAATGCCTCCTGCGGGGACAGGCATGACCATGATGCCTCAGCAGC
 CAGTCATGTTTGCACAGCCATGATGAGGCCACCTTTGGAGCTGCAGCTGTGCCGGCACACAGCTTTC
 TCCAAGCCCTACACCTGCCACTCAGAGTCCCAAGAACCTCCAGCCAAGGACCCGTTAGCGGATCTTAAC
 ATCAAGGATTTCTGTAA

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII

ACCN:	NM_031728
Insert Size:	2748 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).
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_031728.1</u> , <u>NP_113916.1</u>
RefSeq Size:	3419 bp
RefSeq ORF:	2748 bp
Locus ID:	65178
UniProt ID:	<u>Q05140</u>
Cytogenetics:	8q31
Gene Summary:	plays a role in clathrin-dependent assembly of synaptic vesicles at the presynaptic terminal [RGD, Feb 2006]