

Product datasheet for **RR208690**

Snx18 (NM_001107652) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Snx18 (NM_001107652) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Snx18
Synonyms:	Snag1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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ORF Nucleotide Sequence:

>RR208690 representing NM_001107652
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGCTACGCGCCCGGGCGCTCTACGACTTTAGGTCCGAGAACCCTGGTGGAGATCTCCCTGCGGGAGC
 ACGAGGTGTTGAGCTTGTGCAGCGAGCAGGACATCGAGGGCTGGCTTGAAGGGATCAACAGCCGCGGCGA
 CCGCGGCCTCTCCCGGCTTCGTACGTGACGGTTATCCGTGCGCCGGAGCCTGGCCCTCCGGCCGACGGC
 GGCCAGGAGCTCCGGCCGCTACGCCAACGTGCCGCCGGCGGCTTCGAGCCTCTGCCAGCCGCGCCGC
 CCGCTGCCTTCCAGCCGCTGCTGCAGCCGAGGCGTCCGCCGGTTCCTTCCAGTCGCCGGCGCGCGCTT
 TACCTACGGCGGGGGCGCCCGCAGCCGTCGCCCCAGCAGCTCTACGGTGTCTACCAGGCCAGCCTAGGC
 AGCGACGATGACTGGGACGACGAGTGGGACGACAGCTCCACAGTGGCAGACGAGCCAGGCGCGTTGGCA
 GCGGTGCGTACCCGGACCTCGACGGTTCGTCCTCAGCGGGCGGGCGCGCCGGCCGCTACCGCTTGTC
 CACACGCTCGGACCTGTGCTGGGCTCCGTTGGCTCTCAGCGCCCCGCGCATCAAGCGTCTGGAGCC
 AAGAGCTCCGCCAGGTGAGCCGCAACCTCAATCGGTTCTCCACCTTCGTCGAGTCGGGCGGGGAGGCGT
 TCGTGCTGGGAGAGGCGTCAGGTTTCGTGAAGGATGGGGACAAGCTGTGCGTGGTGTGGTCCCTACGG
 CCCCAGTGGCAGGAGAACCCTACCCCTTCCAGTGCACCATCGACGATCCCACCAAGCAGACCAAGTTC
 AAGGGTATGAAGAGCTACATCTTTACAAGCTGGTGGCCACGCATACCCAGTGGCCGTGCACAGGCGCT
 ATAAGCACTTCGACTGGCTGTATGCGCGCTGGCGGAGAAATCCCGGTTCATCTCGGTGCCCCATCTGCC
 CGAGAAGCAGGCCACCGGGCGCTTCGAGGAGGACTTCACTCCAAGCGCAGGAAGGCTGATCTGGTGG
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 GCAGCACTGATGAGAAGGCTGGAAACAGGGTAAGCGGAAGGCTGAGAAGGATGAGATGGTGGCGCCAA
 CTTCTTCTCACTCTGAGCACACCCTGCGGCCGCCCTGGACCTGCAGGAGGTGAAAGCAAGATCGAT
 GGCTTCAAATGCTTACCAAGAAGATGGATGACAGCGCTTGCAGCTCAACCACACTGCCAACGAGTTTG
 CGCGAAGCAGGTGACTGGCTTCAAGAAGGAGTATCAGAAGTGGGCCAGTCTTTTGGGGCCTCAGCCA
 AGCCTTTGAGCTGGATCAGCAGGCTTCTCCGTGGTCTGAATCAGGCCATTGCCCTCACCGGAGACGCC
 TATGATGCCATCGGTGAACCTTTCGCTGAGCAGCCAGGAGGACCTGGACCCAGTCATGGACCTGTAG
 CACTGTATCAGGGCACCTGGCCAACTTCCAGACATCATCCATGTTAGAAAAGGAGCTCTTACCAAAGT
 AAAGGAGAGTACGACACGTTGGAAGAAGGAAGATGGAGTCCAAAAGGCCGACGCATTCAAGACCGC
 TGTAACACTATTTCTTCCGACGTTGGCCGAGATTCATCACTTCCATCAAATTAGAGTAAGAGACTTTA
 AATCACAGATGCAGCATTTTTTACAACAACAAATAATATTTTTCCAAAAGTGACACAGAAGTTGGAAGA
 AGCTTTCATAAATATGACAGCGTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR208690 representing NM_001107652
 Red=Cloning site Green=Tags(s)

MALRARALYDFRSENPEISLREHEVLSLCSQDIEGWLEGINSRGDRGLFPASYVQVIRAPEPGPPADG
 GPGAPARYANVPPGGFEPLPAAPPAAFQPLLQPQASPGSFQSPGAGFTYGGGAPQPSQQLYGAYQASLG
 SDDDWDEWDDSSSTVADEPGALGSGAYPDLGSSSAGGGAAGRYRLSTRSDLSLGSRGVSAPPPHQASGA
 KSSATVSRNLNRFSTFKSGGEAFVLGEASGFVKDGDKLCVVLGPYGPWEQENPYPFQCTIDDPTKQTKF
 KGMKSYISYKLVPTHTQVPVHRRYKHFVLYARLAEKFPVIVSVPHLPEKQATGRFEEDFISKRRKGLIWW
 MNHMAHPVLAQCDFVQHFLLTCPSTDEKAWKQGRKAEMVGFANFFLLSTPPAAALDLQEVESKID
 GFKCFTKMDDSLQLNHTANEFARKQVTGFKKEYQKVGQSFRLSQAFELDQQAFVGLNQAIATGDA
 YDAIGELFAEQPRQDLDPVMDLLALYQGHLANFPDIHVKQKALTKVKESSRRHVEEGKMEVQKADGIQDR
 CNTISFATLAEIHFFHQIRVRDFKSMQHFLQQQIIFQKVTQKLEELHXYDSV

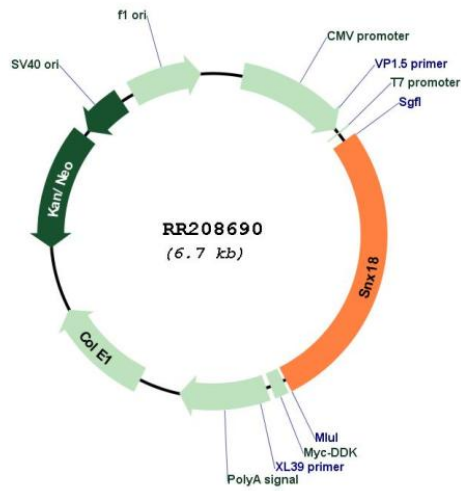
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001107652

ORF Size: 1845 bp

OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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_001107652.1, NP_001101122.1</u>
RefSeq Size:	4394 bp
RefSeq ORF:	1848 bp
Locus ID:	310097
Cytogenetics:	2q14
MW:	67.9 kDa