

## Product datasheet for **MR219149**

### **Snx18 (NM\_130796) Mouse Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Snx18 (NM_130796) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Snx18
Synonyms:	Snag1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide Sequence:**

>MR219149 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGGCGCTGCGCGCCCGGGCGCTCTACGACTTTAAGTCCGAGAACCCCGGTGAGATCTCCCTGCGGGAGC  
 ACGAGGTGCTGAGCCTGTGCAGCGAGCAGGACATCGAGGGCTGGCTCGAAGGGATCAACAGCCGCGGCGA  
 CCGCGGCCTCTCCCGGCCTCTACGTGACGGTATCCGTGCGCCGGAGCCTGGCCCTCCGGCCGACGGC  
 GGCCCGGAGCTCCGGCCGCTACGCCAACGTGCCGCCGGCGGCTTCGAGCCTCTGCCCGCCGCGCAC  
 CCGCCGCTTCCCGCGCTGCTGCAGCCGACGGCGTACCCGGTTCCTCCAGCCCGGGCGCGGCTT  
 TCCCTACGGCGGGGGCGCCCTGCAGCCGTCGCCACGACGCTCTACGGTGGATACCAGGCCAGCCTGGGC  
 AGCGACGATGACTGGGACGACGAGTGGGACGACAGCTCCACGGTGGCCGATGAGCCAGGCGCGCTGGGA  
 GCGGGCGTACCCGGACCTCGACGGCTCGTCGTCGGCGGGCGGGTGGCGCCGGCCGCTACCGCTGTC  
 CACCCGCTCGGACCTGTCTCTGGGCTCCCGCGGCTCTCGGCGCCCCGGCGCACCAAGCGTCTGGAGCC  
 AAGAGCTCGGCCACGGTGAAGCCCAACCTCAATCGCTTCCACCTTCGTCGAGTCCGGCGGGGAGGCGCT  
 TCGTGCTGGGAGAGGCGTCAGGCTTCGTGAAGGATGGGGACAAGCTGTGCGTGGTCTGGTCCCTACGG  
 CCCCAGTGGCAGGAGAACCCTACCCCTTCCAGTGCACCATCGACGACCCACCAAGCAGACCAAGTTC  
 AAGGGCATGAAGAGCTACATCTTTACAAGCTGGTGGCCACGCATACCCAGTGGCCGTCACAGGCGCT  
 ATAAGCACTTCGATTGGCTGTATGCGCGCTGGCGGAGAAATCCAGTCATCTCGGTGCCCCATCTGCC  
 TGAGAAGCAGGCCACCGGGCGCTCGAAGAGGACTTCACTCAAACGCAGGAAGGCTGATCTGGTGG  
 ATGAACCACATGGCCAGCCACCCGGTCTGGCGCAGTGCAGCTTCCAGCATTCTGACCTGCCCA  
 GCAGCACTGATGAGAAGGCCTGAAACAGGGTAAGCGGAAGGCTGAGAAGGATGAGATGGTGGCGCCAA  
 CTTCTTCTCACTCTGAGCACCCACCTGCGCGGCCCTGGACCTGCAGGAGGTGGAGAGCAAGATAGAT  
 GGCTTCAAATGCTTACCAAGAAGATGGACGACAGTGCCTTGCAGCTCAACCACACCGCCAACGAGTTTG  
 CGCGAAGCAGGTGACTGGCTTCAAGAAGGAGTATCAGAAGTGGGCCAGTCTTCCGGGTCTCAGCCA  
 AGCCTTTGAGCTGGATCAGCAGGCTTCTCCGTGGTCTGAATCAGGCCATTGCCCTCACTGGAGACGCC  
 TACGACGCCATCGGCGAAGCTTTCGCTGAGCAGCCAGGACGAGCTGGACCCAGTCATGGACCTGTAG  
 CACTGTATCAGGGGCACCTGGCCAACTTCCAGACATCATCCATGTTCAGAAAGGAGCTCTTACCAAAGT  
 AAAGGAGAGTAGGCGACACGTGGAAGAAGGAAGATGGAGGTCCAAAAGCTGACGGCATTCAAGACCGC  
 TGTAACACTATTTCTTCCGACGTTGGCCGAGATTCACACTTCCATCAAATTAGAGTAAGAGACTTTA  
 AATCACAGATGCAACATTTTTTACAACAACAAATAATATTTTTTCCAAAAGTGACCCAGAAGTTGGAAGA  
 GCGCTTCAAAAATACGACAGCGTC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

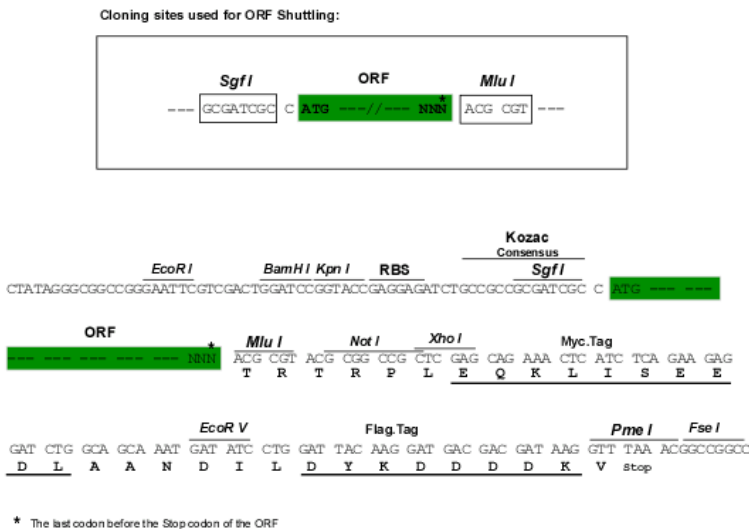
>MR219149 protein sequence  
 Red=Cloning site Green=Tags(s)

MALRARALYDFKSENPEIISLREHEVLSLCSEQDIEGWLEGINSRGRGLFPASYVQVIRAPEPGPPADG  
 GPGAPARYANVPPGGFEPLPAAPPAAFPPLLQPQASPGSFQPPGAGFPYGGGALQPSQQLYGGYQASLG  
 SDDDWDEWDDSSSTVADEPGALGSGAYPDLGSSSAGGGAAGRYRLSTRSDLGSRGVSAPPAHQASGA  
 KSSATVSRNLNRFSTFVKSGGEAFVLEASGFVKDGDKLCVVLGPYGPWQENPYPFQCTIDDPTKQTKF  
 KGMKSYISYKLVPTHTQVPVHRRYKHFHWLYARLAEKFPVIVSVPHLPEKQATGRFEEDFISKRRKGLIWW  
 MNHMASHPVLAQCDVFQHFLLTCPSSSTDEKAWKQGRKAEKDEMVGANFFLLSTPPAAALDLQEVEISKID  
 GFKCFTKMDDSAQLNHTANEFARKQVTGFKKEYQKVGQSFRLSQAFELDQQAFSVGLNQAI AFTGDA  
 YDAIGELFAEQPRQDLDPVMDLLALYQGHANFPDI IHVQK GALTKVKESRRHVEEGKMEVQKADGIQDR  
 CNTISFATLAEIHHFHQIRVRDFKSMQHFLQQQIIFQKVTQKLEELHKYDSV

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM\_130796

ORF Size: 1848 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:

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: [NM\\_130796.4](#), [NP\\_570614.2](#)

RefSeq Size: 4466 bp

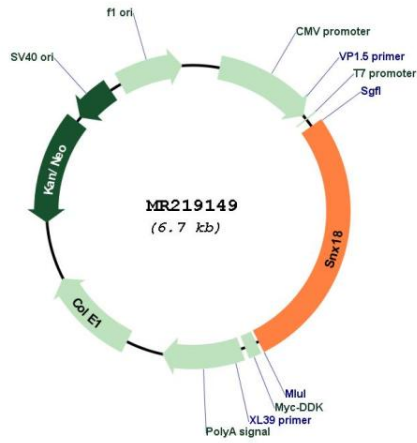
RefSeq ORF: 1848 bp

Locus ID: 170625

Cytogenetics: 13 D2.2

MW: 67.8 kDa

Product images:



Circular map for MR219149