

Product datasheet for **RR205670**

Snw1 (NM_001109279) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Snw1 (NM_001109279) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Snw1
Synonyms:	RGD1561926
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RR205670 representing NM_001109279
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGCTCACCAGCTTTTTACCTGCGCCTACCCAGCTATCTCAGGACCAACTTGAAGCTGAAGAAAGGG
 CAAGATCTCAGAGATCAGCAGACCTCCCTGGTCTCCTCTCGAAGGGAGCTCCCCATACGGATACAG
 GAAAGGCTGGATTCCAAGACTCTTAGAGGATTTGGAGATGGAGGCGCTTTCCAGAAATCCATGTGGCC
 CAGTATCTCTGGATATGGGGCGAAAGAAAAAATGTCGAATGCACTGGCCATTAGGTGGATCTGAAG
 GGAAAAATAAATATGATGCAATTGCTCGACAGGGACAGTCCAAAGACAAGGTCATTTACAGCAAATACAC
 GGACCTGGTTCCAAGGAGGTTATGAATGCAGATGACCCAGACCTGCAGAGGCCCGATGAGGAAGCAATT
 AAAGAGATAACAGAAAAGACAAGAGTTGCCTTGGAGAAGTCTGTGTCTCAGAAGTTGCTGCGGCCATGC
 CAGTTCGTGCAGCTGACAAGCTGGCTCCTGCTCAGTATATCCGTTACACACCATCTCAGCAAGGAGTAGC
 ATTC AATTCTGGAGCTAAACAGAGGTTATTCCGATGGTAGAAAATGCAGAAAGATCCAATGGAGCCTCCA
 AGATTTAAGATTAATAAGAAAATTTCCCGGGGACCACCATCTCCTCTGCACCTGTAATGCACTCTCCTA
 GTCGGAAGATGACTGTAAGGAGCAGCAGGAGTGGAAAGATCCCTCCTGTATTTCCAACCTGGAAGAACGC
 TAAGGGGTATACGATTCCACTAGATAAACCGCTGGCTGCTGATGGAAGAGGACTTCAGACTGTCCACATC
 AATGAAAATTTTGCCAACTGGCTGAAGCCCTATACATTCGAGATCGGAAGGCTCGAGAAGCGGTGGAAA
 TGCGAGCCCAAGTGGAGAGAAAGATGGCTCAGAAAAGAAAAGGAGAAGCATGAGGAGAACTCAGAGAAAT
 GGCCAGAAAGCCAGAGAAAGGAGAGCTGGGATCAAAACCCATGTGAAAAAGAGGATGGAGAGGCCCGA
 GAAAGAGATGAAATCCGTCATGACAGGCCAAAAGAGAGGACAGTACCCGGAACCTTTCCAGAGCAGCTC
 CTGATAAGAGGTTCCAACTACAGAGAAATGAAAATCGAGATATCAGTGAAGTCATTGCTTGGTGTGCC
 CAATCCTCGAACTTCCAATGAAGTCCAGTATGACCAAAGGCTCTTCAACCAAGTCCAAGGGTATGGACAGT
 GGATTTGCAGGTGGAGAAGATGAAATTTACAATGTTTATGATCAAGCCTGGAGAGGTGGCAAAGATATGG
 CTCAGAGTATCTATAGGCCGAGTAAAAATCTGGACAAGGACATGTATGGCGATGACCTCGAAACCAGGAT
 AAAGACCAACAGATTTGTTCTGATAAAGAGTTTTTCAGGTTGAGATGGTAGAAAGAGAGGCCGAGAAGGA
 CCAGTTGAGTTGAGGAAGATCCTTTTGGTTGGACAAATTTTGGAGAAGCAAACAGCATGGTGGGT
 CTAAGACCTTCAGATAGCAGTCGCCCAAGGAACATGAACATGAAGGCAAGAAGCGAAGGAAGGAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR205670 representing NM_001109279
 Red=Cloning site Green=Tags(s)

MALTSFLPAPTQLSQDQLEAEERARSQRSRQTSLVSSRREPPPYGYRKGWIPRLLEDGFGGAFPEIHVA
 QYPLDMGRKKMSNALAIQVDPEGKIKYDAIARQGQSKDKVIYSKYTDLVPKEVMNADDPDLQRPEEAI
 KEITEKTRVALEKSVSQKVAAMPVRAADKLAPAQYIRYTPSQQGVAFNSGAKQRVIRMVEMQKDPMEPP
 RFKINKKIPRPPSPAPVMHSPSRKMTVKEQEQWKIPPCISNWKNAKGYTIPLDKRLAADGRGLQTVHI
 NENFAKLAELYIADRKAREAVEMRAQVERKMAQKEKEKHEEKLREMAQKARERRAGIKTHVEKEDGEAR
 ERDEIRHRRKERQHNRNLSRAAPDKRSKLQRNENRDI SEVIALGVPNPRTSNEVQYDQRLFNQSKGMS
 GFAGGEDEIYNVYDQAWRGGKDMAQSIYRPSKLNLDKDMYGDDLETRIKTNRFVPDKEFSGSDGRKRGREG
 PVQFEEDPFGLDKFLEEAKQHGGSKRPSDSSRPKEHEHEGKRRKE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_001109279

ORF Size: 1608 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_001109279.1](#), [NP_001102749.1](#)

RefSeq Size: 2275 bp

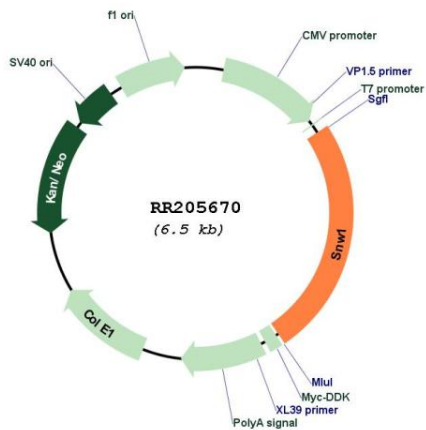
RefSeq ORF: 1611 bp

Locus ID: 500695

Cytogenetics: 6q31

MW: 61.5 kDa

Product images:



Circular map for RR205670