

Product datasheet for **MC217602**

Snw1 (NM_025507) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Snw1 (NM_025507) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Snw1
Synonyms:	2310008B08Rik; AW048543; NCoA-62; Skiip; SKIP
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC217602 representing NM_025507
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCGCTCACCAGCTTTTTACCTGCGCCTACTCAGCTGTCTCAGGACCAACTTGAAGCTGAAGAAAGGG
CAAGATCTCAGAGATCACTGCAGACCTCTCTGGTCTCCTCTCGAAGGGAGCCTCCCCATACGGATATAG
GAAAGGCTGGATTCCAAGACTATTAGAGGATTTTGGAGATGGAGGTGCTTTCCAGAAATCCATGTGGCC
CAGTATCCTCTGGATATGGGGCGAAAGAAAAAATGTCGAATGCTCTGGCCATTAGGTGGATCCTGAAG
GGAAAAATAAGTATGATGCAATTGCTCGGCAGGGACAGTCCAAAGACAAGGTCAATTTACAGCAAATACAC
TGACCTGGTTCTAAGGAGGTTATGAATGCAGATGACCCAGACCTGCAACGGCCCGATGAAGAGGCAATT
AAAGAGATAACAGAAAAGACTAGAGTTGCCTTGGAGAAATCTGTGTCGAGAAGGTTGCTGCAGCCATGC
CAGTTCGTGCAGCTGACAAGCTGGCTCCTGCTCAGTATATCCGCTACACACCATCTCAGCAAGGAGTAGC
ATTC AATTCTGGAGCTAAACAGAGGGTCAATTCGGATGGTAGAAAATGCAGAAAGACCCAATGGAGCCTCCA
AGATTC AAGATTAATAAGAAAATTTCCCGGGGACCACCGTCTCCTCCTGCACCTGTAATGCACTCTCCTA
GTCGGAAGATGACTGTAAGGAACAACAAGAGTGGAAAGATCCCGCCTTGTATTTCCAACCTGGAAGAACGC
TAAGGGGTATACGATCCCATTAGATAAACGGCTGGCTGCTGATGGAAGAGGACTTCAGACTGTCCACATA
AATGAAAATTTTGCCAACTGGCTGAAGCGCTCTACATTGCTGATCGGAAGGCTCGTGAAGCGGTGGAAA
TGCGAGCCAGGTAGAGAGAAAGATGGCTCAAAAAGAAAAGGAGAAAACATGAAGAGAACTTAGAGAAAT
GGCCAGAAAGCCAGAGAAAGGAGAGCTGGAATCAAACCCACGTGGAGAAAGAGGATGGAGAGGCCCGT
GAGAGAGATGAAATCCGTCATGACAGGCGAAAAGAGAGACAGCATGACCGGAACCTTTCCAGGGCAGCTC
CTGATAAGAGGTCAAAACTACAGAGAAAATGAAAATCGAGACATCAGTGAAGTCATTGCTTGGTGTGCC
CAATCCTCGAACTTCCAATGAAGTTCAAGTATGACCAAAGGCTCTTCAACCAATCCAAGGGTATGGACAGT
GGATTTGCAGGTGGAGAAGATGAAATTTACAATGTTTATGATCAAGCCTGGAGAGGTGGGAAAGATATGG
CCCAGAGCATCTACAGGCCAGTAAAAATCTGGACAAGGACATGTATGGTATGACTGGAAGCCAGGAT
AAAGACCAACAGATTTGTTCTGATAAAGGATTTTCTGGATCAGACCGCAAACAGAGAGGCCGAGAAGGA
CCAGTGCAGTTTGGAGGATCCTTTTGGTTTGGACAAGTTTGGAAAGCAAAACAGCACGGTGGTT
CTAAAAGACCCTCTGATAGCAGTCGCCCAAGGAACATGAGCATGAAGGCAAGAAGCGGAGGAAAGAGTA
G

ACGCGTACGCGGCCGCTCGAGCAGAAAACATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_025507

Insert Size: 1611 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:

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_025507.2](#), [NP_079783.2](#)

RefSeq Size: 2257 bp

RefSeq ORF: 1611 bp

Locus ID: 66354

UniProt ID: [Q9CSN1](#)

Cytogenetics: 12 D2

Gene Summary: Involved in pre-mRNA splicing as component of the spliceosome. Is required in the specific splicing of CDKN1A pre-mRNA; the function probably involves the recruitment of U2AF2 to the mRNA. Is proposed to recruit PPIL1 to the spliceosome. May be involved in cyclin-D1/CCND1 mRNA stability through the SNARP complex which associates with both the 3'end of the CCND1 gene and its mRNA. Involved in transcriptional regulation. Modulates TGF-beta-mediated transcription via association with SMAD proteins, MYOD1-mediated transcription via association with PABPN1, RB1-mediated transcriptional repression, and retinoid-X receptor (RXR)- and vitamin D receptor (VDR)-dependent gene transcription in a cell line-specific manner probably involving coactivators NCOA1 and GRIP1. Is involved in NOTCH1-mediated transcriptional activation. Binds to multimerized forms of Notch intracellular domain (NICD) and is proposed to recruit transcriptional coactivators such as MAML1 to form an intermediate preactivation complex which associates with DNA-bound CBF-1/RBPJ to form a transcriptional activation complex by releasing SNW1 and redundant NOTCH1 NICD. [UniProtKB/Swiss-Prot Function]