

Product datasheet for **RN215675**

Snip1 (NM_001014069) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Snip1 (NM_001014069) Rat Untagged Clone
Tag: Tag Free
Symbol: Snip1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN215675 representing NM_001014069
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAAAGCGGGGAAGAGCGAGCGGGAGCGAAGCAGCCGGCGGACACCGGTGAGCGACGCTTTGGCGA
CCGTAGTAGTGAAGCAGGAACGTCTAAGCCCCGAACCCGTGCACACCGCCGACCTGACGCTCCAGCCGC
TAGCCCGCCCCCGCCCGCCGAGTCGGGCTCGGCTGGTACCAGCGGGAGCCGAGCCCGGGGAGCGAGC
CGGTCCCCAGCCAAAAAGAAAAGCAAGTCTCCGGCAGAAGAAGCAAGTCTCCTCGACTAAGAGAAGCC
GGAGTCCCCACTACTCCACGGTCAAAGTGAAGCAGGAACGGGAGGACCATCCACGGAGAGGACGAGAGGA
TAGGCAGCACCGGGAGTTATCAGAACAGGAGCACAGGAGAGCACGGAACAGCGAGCGAGATCGGCACCGG
GGCCATGCCCGCCAAAGGAGGAGCTCTGATGAGAGGCCTGTCAGTGGGCAGGGTCCGGATAGAGACAGCC
AGATCCTGCAGGCCAGGAAGAAGAGAGGGACTTTAATAATGCCAGGGCCGGGAGCACCGCCAGCAGAA
TGAGAGTGTGGCGCTGAGGCTCAGGAGGTGATCCCTCGCCCTGCTGGTAAACAAGAACAAAGAGGTGCCT
GTTAAAGAAAAACCAAGCTTTGAACTTTCTGGGCACTTCTTGAGGACACTAATACCTTCCGGGGTGTGG
TCATTAATAACAGTGAGCCCCAGAACCCGCATCCCCAAAAACGGTGGCGTCTCTACCCCTTTAAAAA
TGATGAGGTGCTTCCAGTCATGTACATCCATCGGCAGAGTGCCTACCTGCTGGGGAGACATCGCCGCATC
GCGGACATTCTATCGACCATCCCTCTTCTCAAAGCAACATGCAGTCTTCCAGTACCGGCTTGTGGAGT
ACACCCGTGCTGATGGGACGGTTGGTCGGAGGGTGAAGCCCTACATCATTGACCTTGGCTCAGGCAACGG
AACATTCTTGAACAACAAGCGTATTGAGCCACAGAGATACTATGAACTGAAAGAAAAAGATGACTTAAA
TTTGGTTTCAGCAGCAGAGAATATGCTTGTTCATGAGTCTTCCAGACACCTCTGAACTTGACAGGAAGG
AAGATGAAGATGAGGAGGAGGAGGAAATGGTGTCTGACAGCAGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001014069



Insert Size:	1170 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_001014069.1</u> , <u>NP_001014091.1</u>
RefSeq Size:	2338 bp
RefSeq ORF:	1170 bp
Locus ID:	313588
UniProt ID:	<u>Q5M9G6</u>
Cytogenetics:	15p14
Gene Summary:	Required for pre-mRNA splicing as component of the spliceosome. Down-regulates NF-kappa-B signaling by competing with RELA for CREBBP/EP300 binding. Involved in the microRNA (miRNA) biogenesis. 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. [UniProtKB/Swiss-Prot Function]