

Product datasheet for **SC118216**

SNAP43 (SNAPC1) (NM_003082) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SNAP43 (SNAPC1) (NM_003082) Human Untagged Clone
Tag:	Tag Free
Symbol:	SNAP43
Synonyms:	PTFgamma; SNAP43
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_003082, the custom clone sequence may differ by one or more nucleotides

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ATGGGGACTCCTCCCGGCTGCAGACCGACTGCGAGGCGCTGCTCAGCCGCTCCAGGAGACGGACAGTG
TACGCTTCGAGGACTTCACGGAGCTCTGGAGAAACATGAAGTTCGGGACTATCTTCTGTGCAGAAATGAG
AAATTTAGAAAAGAACATGTTTACAAAAGAAGCTTTAGCTTTGGCTTGGCGATATTTTTTACCTCCATAC
ACCTTCCAGATCAGAGTTGGTGTCTTGTATCTGCTATATGGATTATATAATACCCAAGTGTGCAACCAA
AACAAAAGATCAGAGTTGCCCTGAAGGATTGGGATGAAGTTTTAAATTTTACAGCAAGATTTAGTAAATGC
ACAGCATTTTGTGCAGCTTATATTTTTAGGAAGCTACGACTAGACAGAGCATTTCACTTACAGCAATG
CCCAAATTGCTGTCATATAGGATGAAGAAAAAATTCACCGAGCTGAAGTTACAGAAGAATTTAAGGACC
CAAGTGATCGTGTGATGAACTTACACTTCTGATGTATTAGAGGAAATGCTGAATGTTTCATGATCATT
TCAGAACATGAAACATGTAATTTTCAAGTTGATAAGTCCAAGCCAGATAAAGCCCTCAGCTTGATAAAGGAT
GATTTTTTTGACAATATTAAGAACATAGTTTTGGAGCATCAGCAGTGGCACAAGACAGAAAAGAAATCCAT
CCTTAAAGTCAAAAATAATGATGGAGAAGAAAAATGGAAGGAAATTCACAAGAAACGGAGAGATGTGA
AAGGGCAGAATCATTAGCGAAAATAAATCAAAGGCCTTTTCAAGTTGTCATACAGGCATCCAAATCAAGA
AGGCATCGTCAAGTCAAATCGACTCTTCTGACTCTGATTCTGCATCTGGTCAAGGGCAAGTCAAAGCAA
CTAGGAAAAAAGAGAAGAAAAGAAAGATTGAAACCAGCAGGAAGGAAGATGTCTCTCAGAAAACAAAGGCAA
TGTGCAGAAATACACAAGGAAGATAAACCTTTAAGTCTGAGTATGCCTGTAATTACAGAAGAAGAAGAG
AATGAAAGTTTGTAGTGGAAACAGAGTTCACTGCATCCAAGAAGAGGAGAAAAACACTGA
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_003082 unedited
TATATTTTGTAAACGACTTCACTATAGGGCGGCCGGAATTCGCACGAGGCTTCGGAGG
CGTGCGGGCTTCGGGTGCCATGGGGACTCCTCCCGCCTGCAGACCGACTGCGAGGCGCT
GCTCAGCCGCTTCCAGGAGACGGACAGTGTACGCTTCGAGGACTTCACGGAGCTCTGGAG
AAACATGAAGTTCGGGACTATCTTCTGTGGCAGAATGAGAAATTTAGAAAAGAACATGTT
TACAAAAGAAGCTTTAGCTTTGGCTTGGCGATATTTTTACCTCCATACACCTTCCAGAT
CAGAGTTGGTGTCTTTGTATCTGCTATATGGATTATATAATACCCAACCTGTGTCAACCAAA
ACAAAAGATCAGAGTTGCCCTGAAGGATTGGGATGAAGTTTTAAAATTTAGCAAGATTT
AGTAAATGCACAGCATTTTGTATGACGCTTATATTTTTAGGAAGCTACGACTAGACAGAGC
ATTTCACTTTACAGCAATGCCCAAATTGCTGTCATATAGGATGAAGAAAAAATTCACCG
AGCTGAAGTTACAGAAGAATTTAAGGACCCAAGTATCGTGTGATGAACTTATCACTTC
TGATGTATTAGAGGAAATGCTGAATGTTTATGATCATTATCAGAACATGAAACATGTAAT
TTCAGTTGATAAGTCCAAGCCAGATAAAGCCCTCAGCTTGATAAAGGATGATTNTTTTGA
CAATATTAAGAACATAGTTNTGGAGCATCAGCAGTGGCACAAAAGACAGAAAGAATCCATC
CTTTAAGTCAAACTAATGATGGAGAAGAAAAATGGANGNAAATCACAGANACGGAGAG
ATGTGAAGGGCAGATCATTAGCGAAATAAAATCAAGGGCTTTTCAGATGTCTACAGCATC
CAAATCAGAAAGCATCGTCAGTCAACTCGACTCTCTGACNTGATT

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_003082 unedited
CGCGGCCGCAATTTAGNGTCGAGTTTTTTTTTTTTTTTTTTTATTATTGGTAAAGATTTTAT
TAGAAAGTACTTAAATACTTAATACATTAGTATTTAAGTACTTGTAGTACTTAATTAGT
ATTTAGTAATAATAAACAAGCACTAAAGAATATTTAATTGCAGAAGTAGAAAATACATTG
TGAACCTCCTATCAATCACGTTATGAGAATGTAAGTTTTATGTATTAATAAATAAAGCAA
GGCAAAAATTTATTGCACTTAAACAATACAAAATAGAATAAATATACAAAATAAAAAA
TCCATTATCCGACTGTAGATACAAAATAATTAGTTATTTGCATGTAATAAACATTAATAT
TTCAATAAAAAATATTTTAAATAAAATAGAATAGTATTACCAGACTGTATTAGGACAGTA
TAGTATCACAAAACCTTATAGGAAATAGTAAACATCTGCGAATAACAGAAATTTTTCTAT
TACATACTAAATAACAAGTTTTATCTCCATTTATGCAAAATCATTAAAGAAAATGTTAAAGA
ATCTTATTCTAATTTTTGTACTTTTTATTCTAGAACTACGTATTGCAATTTCCAAGAAA
TAACCTACAGATTTCCAGAAGGATTTTTTAATACTGGCAGTCTTCTGTCAATACACA
NAATATCAATCTTTCTCTGTGAGAAAATCAAAATTTAAACTACACCAGGCTCTTTG
GTCAGGGTTTTCTCTCTTCTGGGATGCAGTGAACCTCTGGTNCCTCCAACTNTCATTG
TCTTCTCTCTGAAAATACAGGCATACTCAGACTTAAAGGGTTATCCTCCTGGGAATA
TCTCGACCATGCCTTTGTTTCTGAGAGAATCTTNCCTCCTGGCTGTTCAAACNTNCCTTC
TTCCCTTTTTCTAANGCNTTGACCTGCCCTGACCAGAAGCAAAATCAAATC

Restriction Sites:

NotI-NotI

ACCN:

NM_003082

Insert Size:

1570 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:	NM_003082.2 , NP_003073.1
RefSeq Size:	2594 bp
RefSeq ORF:	1107 bp
Locus ID:	6617
UniProt ID:	Q16533
Cytogenetics:	14q23.2
Protein Families:	Transcription Factors
Gene Summary:	Part of the SNAPc complex required for the transcription of both RNA polymerase II and III small-nuclear RNA genes. Binds to the proximal sequence element (PSE), a non-TATA-box basal promoter element common to these 2 types of genes. Recruits TBP and BRF2 to the U6 snRNA TATA box.[UniProtKB/Swiss-Prot Function]