

Product datasheet for **SC116378**

SNAPC5 (NM_006049) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SNAPC5 (NM_006049) Human Untagged Clone
Tag:	Tag Free
Symbol:	SNAPC5
Synonyms:	SNAP19
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_006049, the custom clone sequence may differ by one or more nucleotides

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ATGCTGAGCCGGCTTCAGGAACTGCGCAAGGAGGAGGAGACGCTGCTGCGGTTGAAGGCAGCCCTGCACG
ACCAGCTGAACCGCCTCAAGGTTGAAGAATTAGCCCTCCAATCAATGATCAGTTCTAGAAGAGGGGATGA
GATGCTGTCTTCTCACACTGTACCTGAACAGTCACATGATATGTTGGTGCATGTAGACAATGAAGCATCA
ATCAACCAAAACAACCCTGGAGCTGAGCACAAGAGTCATGTGACGGAAGAGGAGGAGGAGGAAGAGGAAG
AAGAATCAGATTCCTAA
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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_006049 unedited GACATTGTAATCGACTCCTATAGGCGGCCGCGACATTCGCACGAGGGCAGCCCGGAGGTT GGCTTGTGACCGCAACATGCTGAGCCGGCTTCAAGAAGTGCAGCAAGGAGGAGGAGACGC TGCTGCGGTTGAAGGCAGCCCTGCACGACCAGCTGAACCGCCTCAAGGTTGAAGAATTAG CCCTCCAATCAATGATCAGTTCTAGAAAAGGGGATGAAATGCTGTCTTCTCACACTGTA CCTGAACAGTCACATGATGTTGGTGCATGTAGACAATGAAGCATCAATCAACCAACA ACCCTGGAGCTGAGCACAAAGAGTCATGTGACGGAAGAGGAGGAGGAGGAAGGAAGAA GAATCAGATTCTAAAGGAGGGGAAAGCCAGGCTGGTCAGTTATACAAATTGCATTCT AAGGCTCAGGCTACTTCTCCTCAAGGAAATCATCTTGCCCTGGGCCCTGTGATCTGCTTG AAAGGAAAGCAAGAACTATAAGGAGGATGTGTAGTTGCAAAAATGGCTCCATCGTAACT CAAGCTTCAGAATGTTATGACATACAGAAAATCAAAGAATGCTGTGTCTTAGCATTGAGA ATATGGGTGGGTGCTGTCTGTAATCTGGTCAGATTCAGTTAACTGTTGAGAAAANAATTC CTCTGAAATACTGTTGAGAAAGTCTGTCATTTGCAAAAAGAGCAGAGTTAATAACAAGCCA GTCTTTCCAGTCAACATGCCTCTTTGAAGAAAACCATTAANGACTGTTGCATGCCGCTGA ACCCTTGTGAGCAGTTAGAACACAGTCTAGAAAAAAGATACAGGGGAAGACTGGAGGGCG TCTGAAACACAGCTGTTCTACCTTTAGAGCATTGAAAATTGATGCTTTACTGCCTTGGGG ATTTGTTACCACCTTACTGGAAATACTACTGGGAAAAGTTATTATAATATAANAGCTCTT GGCCCTGCTGTTTATAAACAACAGAAAACAAATTA
Restriction Sites:	NotI-NotI
ACCN:	NM_006049
Insert Size:	3870 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_006049.1 , NP_006040.1
RefSeq Size:	297 bp
RefSeq ORF:	297 bp
Locus ID:	10302
UniProt ID:	O75971
Cytogenetics:	15q22.31
Protein Families:	Transcription Factors

Gene Summary:

This gene encodes a subunit of the small nuclear RNA (snRNA)-activating protein complex that plays a role in the transcription of snRNA genes. This complex binds to the promoters of snRNA genes transcribed by either RNA polymerase II or III and recruits other regulatory factors to activate snRNA gene transcription. The encoded protein may play a role in stabilizing this complex. A pseudogene of this gene has been identified on chromosome 6. [provided by RefSeq, Jul 2016]

Transcript Variant: This variant (1) encodes the longest isoform (1). Both variants 1 and 4 encode the same isoform (1).