

Product datasheet for **SC303272**

SNAPC4 (NM_003086) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	SNAPC4
Synonyms:	PTFalpha; SNAP190
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC303272 representing NM_003086. Blue=Insert sequence Red=Cloning site Green=Tag(s)

```

GTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGTA
CCGAGGAGATCTGCCGCCGCGATCGCCGGCGCGCC
ATGGATGTAGATGCTGAAAGAGAGAAGATAACACAGGAGATCAAGGAGCTGGAAGGATTTTGGATCCC
GGCTCCTCGGGCTCCCACGTGGAGATCTCAGAATCAAGTCTCGAGTCAGATTCTGAAGCAGATTCAGT
CCTTCTGAGGACTTGGATCCTGCCGATCCCCGATCTCGGAAGAAGAAAGGTGGGGCGAAGCCAGCAAT
GACGAGGACGATCCCAAGGATAAAACCTCCCTGAAGACCCAGAAACCTGCCTGCAGCTGAACATGGTC
TACCAGGAGGTATCCAGGAGAAGCTGGCTGAGGCCAACCTGCTGCTGGCCAGAACCGGAGCAGCAG
GAGGAACATCATGAGGATCTGGCTGGGTCCAAAGGCACCAAGGTGAAAGATGGCAAAAGCCTGCCCCCA
AGCACATACATGGGGCACTTCAAGCCGTATTTCAAGGACAAGGTACGGGCGTGGGGCCACCTGCC
AACGAGGACACACGAGAGAAGGCTGCCAGGGGATCAAGGCTTTCGAGGAGCTCCTTGTACCAATGG
AAAACTGGGAAAAGCCTTGCTCCGAAAGTCAGTGGTGAGTGACCGCTGCAGCGATTGCTTCAGCCC
AAGTTACTGAAGCTCGAGTACTTGACCAAGCAGAGCAAGTCTCCAGTGAGCTGGAGAGGCAAGCC
CTGGAGAAGCAGGGCAGGGAAGCCGAGAAGGAGATCCAGGACATCAACCAGCTTCCAGAAGAGGCCTTG
CTGGGAAACAGGCTGGACAGCCACGACTGGGAGAAGATTTCCAATATTAACCTTTGAAGGCAGCCGAGT
GCAGAGGAGATCCGGAAGTTCTGGCAGAACTCGGAGCACCCAGCATCAACAAGCAGGAGTGGAGCAGG
GAGGAGGAGGAGCGCTGCAGGCGATCGCGGCTGCACACGGCCACCTGGAGTGGCAGAAGATTGCAGAG
GAGCTGGGGACAGCCGAGCGCCTTCCAGTGCCTGCAGAAATTCAGCAGCACAACAAGCTCTGAAA
CGCAAGGAGTGGACAGAGGAGGAGGACCGCATGCTCACGCAGCTGGTGCAGGAGATGCGCGTGGCAGC
CACATCCCCTACCGCAGAATTGTCTACTATATGGAAGGAGAGACTCCATGCAGCTGATCTACCGATGG
ACCAAGAGCTTGGATCCTGGTCTGAAGAAGGGTTACTGGGCCCCGAGGAAGATGCTAAGTTGCTTCAA
GCTGTTGCCAAATACGGGGAGCAGGATTGGTTTAAATCCGGGAAGAGGTGCCAGGTAGGAGCGATGCC
CAGTGCCGAGATCGGTATCTCAGGAGATTACATTTAGCTTGAAAAAGGGTCGGTGGAAATTTAAAGAA
GAGGAACAGTTAATTGAATTAATAGAAAAATATGGTGTCCGTCACTGGGCAAAAATAGCTTCTGAGCTG
CCCCATCGGTCTGGCTCCAGTGTCTGAGCAAGTGGAAGATCATGATGGGGAAGAAGCAGGGTCTCCGG
AGGCGGCGCGGAGGGCCCGTACAGCGTCCGGTGGAGCTCTACCAGCAGCAGCGGCAGCAGCAGTGGC

```



AGCAGTGGAGGGAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGGAGGACGAGCCAGAGCAGGCGCAGGCC
GGGGAGGGTGACAGAGCGCTGCTGTCCCCACAGTACATGGTCCCGGACATGGACCTGTGGGTTCTTGCC
AGGCAGAGCACCCAGCCAGCCATGGAGAGGAGGGCAGGGCCTGGCTGGGAGGCCCCGCTGCCTCCCTC
AGCCCTCCCAAGGGGTCCAGTGCCAGCCAGGGCGGCAGCAAGGAAGCTTCCACCACAGCCGCGGCTCCT
GGAGAGGAGACGAGTCCGGTGCAGGTCCCTGCCAGGGCCACGGCCCTGTCCCAGGTCTGCCAGGCC
TCCCACTCAGCAGACACTCGCCCGGCGGGCGCAGAGAAGCAGGCCCTGGAGGGTGGGAGGCGTCTGCTG
ACAGTGCCTGTGGAGACCGTGTGAGGGTGTCTAGGGCCAACACGGCTGTCTGGAGCTGCACACAGAAA
GAGCAGCTGAGGCAGCCACCCCTGCCACCTCATCCCCAGGGGTACGCTCTGGTGACAGCGTGGCCCCGA
TCCCATGTGCACTGGTACGGCACAGAGCCACCCAGAGTGGGCAGCGGCGCTGGAGACACGCTCTGCAC
CGGAGGCTCCTGAACCGCAGGCTGTGTGGTGTGACCCCTTGGTAGGGACGTTGTCTGTCCTGCTG
ACACAGGCTTCCCAGAGACCCGCGGTAGTGCACTCAAGCGGATGGCTCAGGGAGCAGCTGCAGCAG
GCCCGCTGGCCAGCACCCTGTGTTTACCCTGTTTACCAGCTGTTCCACATCGATACTGCCGCGCTGC
TTGGAGGTCGTCCGAGAGAGGAAGGCCCTGCCACCCAGGCTGCCACAGGCTGGTGTCTGGGACCCACCA
GTTTCATCTTCTGCAGGCATCCTCAAGTGCCAGAGCACCCAGGCCACCTTCTCCAAACGTGCCGGCT
CAAGAAGCCTCAAGAGTGCCAGCCACAAGGGAGCCGAAGACTGGCGTCCAGCCGGGTGGAGCGCACC
CTACCCAGGCGTCCCTGCTGGCTTCAACCGGCCCGGCCCAAGCCAAAGACTGTGTGCGAGCTGCTT
CAGGAGAAGCGGCTTCAAGAGGCCGTGCCAGGGAGGCCACCCGGGGCCCGGTGGTGTCTCCGTCCTCCAG
CTGCTGGTCTCCTGCTGTGATCCTCCAGCCCCCTTACCACACACCCACACGGCCGCCAGCCCCG
GGTCCACCGTCTTAAATGTACCGTCTCTGGGCTGGGGCCCCGCGGCAGCCAACTGGCACTTCT
GGCTCCTGGCAGGAGGCTGGGACTTCAGCCAAGGACAAGAGACTCTCCACCATGCAAGCCCTGCCCTC
GCTCCTGTCTTCTCAGAGGCCGAGGGCACAGCCCTGTGCTTCCAAAGCCCTGCCCTGGGCCCCGGC
CAGATCTCTGTGAGCTGCCCGAGAGTGGTCTCGGACAGTCTCAGGCCCGCTGCATCCCGGAAGCAG
GGCCTGCCTGAGGGCCACCCCTTCTCCCGCAGCCCCAGCCCCACCCACTGCCGTCCAGCCCTC
AGCCTGACGCACATAGGAGGGCCACATGTGGCGACCACTGTCCCCCTGCCTGTACCTGGGTGCTCACA
GCCCAGGGGCTTCTCCCTGTTCTGTACCAGCTGTGGTGAGCCTTCCAGGCCAGCAGGGACCCCTGGC
CCCGCAGGGCTGTGGCCACTCTGTGCTCCCTGACTGAGACTCGGGCGGCCAGGGCCCCAGGGCC
CCAGCGTTGAGCAGCTTGTGACGCCCCAGCCAATATGAACAGGGAACCGAGCCTTCTGCAGGACA
GACACCCAGCTCCTCCACACACGCCCTCTCCAAAGTCTGCAAGAGCGGATGGCAGTGTGGCCTTT
GTCCCTGGAGAGGCCAGGTGGCCAGGGAGATACCTGAGCCAGGACGTCCTCCACGCTGACCCCTCCT
GAAGCAGAACCCCTTGGTCCGGGAGGCTGCCAGCCTTCGGTGGTGTATCCAGCAACTGAGCCAAGG
GGGACGCCGGGTCCCCCTCAGGGACACAGGAGCCAGGGGCTCTGGGCTGGAGAAGCTGCCCTG
CGCCAGCCTGGGCTGAGAAGGGGGCCTGGACCTGGAGAAGCCGCCCTACCCAGCCTGGGCTGAG
AAGGGGGCCTGGACCTGGGCTGTGTCTCCAGGAGGGCGAGGCGGCCACACAGCAGTGGTGGGGGGC
CAGCGGGGGTGTGCTGTGCTTCTGCGGCAGCAGACTGCCCTATCAGCCCCAGCCCTGTGCAGCCTG
CGAGCTCTGTCCGTCTCTACTCCACAAGAAGGCCCTGGAGCACAAGGCCACCTCCTGGTGGTGGG
GCGAGGCTGAGCGGCCGCGGAGCACTGCAAGCCTCACTGGGGCTGGTGCGGGGGCAGCTCCAGGAC
AACCCGGCCTACCTCCTGTTGCGGGCGCGGTTCTGGCAGCCTTACCCTCCCTGCGCTCCTGGCCACC
CTGGCCCCCAAGGCGTCCGCACACCCCTCTCAGTACCTTCGAGGGTGGGCTCTGAGAGTGAAGATGAA
GACCTCCTGAGTGAGCTGGAATTGCAGACAGGACGGGCAGCCGGGCTGCACGACAGCCACATGCCCC
ATTCAGGGAGCCCCAGACTCTGGTAAATGCTCTGCTTCTCCTGCCTGGATACTTCTAATGACCCCTGAC
GACCTGGACGCTGCTCAGAACCCTGGCATGCCAGGCACACCCGGAAGCGGAGGCGGCTGGTGTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:

Ascl-MluI

ACCN:

NM_003086

Insert Size:

4410 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).

OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_003086.3</u>
RefSeq Size:	4665 bp
RefSeq ORF:	4410 bp
Locus ID:	6621
UniProt ID:	<u>Q5SXM2</u>
Cytogenetics:	9q34.3
MW:	159.4 kDa
Gene Summary:	This gene encodes the largest subunit of the small nuclear RNA-activating protein (SNAP) complex. The encoded protein contains a Myb DNA-binding domain, and is essential for RNA polymerase II and III polymerase transcription from small nuclear RNA promoters. A mutation in this gene is associated with ankylosing spondylitis. [provided by RefSeq, Jul 2016]