

Product datasheet for **SC122645**

SNAP45 (SNAPC2) (NM_003083) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SNAP45 (SNAPC2) (NM_003083) Human Untagged Clone
Tag:	Tag Free
Symbol:	SNAP45
Synonyms:	PTFDELTA; SNAP45
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_003083 edited

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CTTTCTGAGCGGCATGAAGCCACCTCCCAGGCGGCGAGCGGCCCCGGCGCGCTATCTGGG
CGAGGTGACCGGTCCCGCGACCTGGAGCGCTCGCGAGAAGCGGCAGCTAGTGCGACTCCT
GCAGGCGCGGCAGGGCCAGCCGAGCCGACGCCACCGAGCTGGCCCGGGAGCTGCGGGG
CCGGAGCGAGGCTGAGATCCGGGTCTTCTCCAGCAGCTCAAGGGCCGCGTAGCCCGGGA
GGCCATTGAGAAAGTGATCCGGGTGGCCTTCAGGGACCAAGGCGCCGGGAGGCACAGCC
CCCAGCCCCATAGAGGTCTGGACGGATCTGGCTGAGAAGATAACAGGGCCACTGGAAGA
AGCCCTGGCAGTGGCTTTCTCGCAGGTGCTCACCATCGCGGCCACGGAACCGGTACCCCT
CCTGCACTCCAAGCCCCCAAGCCACGCAGGCCCGTGGAAGCCTTTGCTCCTGAGCGC
CCCTGGAGGACAGGAAGACCCCGCCCTGAAATACCTAGCTCTGCCCTGCTGCACCTAG
CTCCGCACCCAGGACTCCTGACCCTGCCCTGAGAAACCTTCTGAGTCGTCGGCTGGTCC
CTCCACTGAAGAAGACTTTGCTGTGGACTTTGAGAAGATCTACAAGTACTTGTCTCTGT
CTCCCGAAGTGGCCGAGCCCCGAGCTCTCAGCAGCTGAGTCCGCTGTGGTCTCGACCT
GCTCATGTCACTTCCAGAGGAGCTGCCACTCCTGCCCTGCACAGCCCTGGTTGAGCATAT
GACGGAGACGTACCTACGCTGACAGCCCCCAGCCATTCCCGCTGGAGGGAGCCTGGG
GCCTGCAGCAGAAGGGGATGGGGCTGGCTCCAAGGCACCAAGGAGAGACCCCCCAGCCAC
CGAGAAGGCCGAGCACAGCGAACTGAAATCGCCTTGGCAAGCAGCTGGGATCTGTCCCCT
GAACCCGTTCTTGGTGGCCCTGGAGCTTCTGGGTCGGGCAGCCACCCCTGCCAGGTGAGG
GGCATGGCGGGCAGGAGGCCACACAGGCCCCCCGCCCTGCCCTCGGTTCTGCTCGGCT
GGCCCTGGCTCTTTCTGAGGATCCCGTATGCGGGAAGGTCCTTGAGATGATGCTCAGCT
GTGGGGCGGGCCTCTAAGATGCCCATACGTTGGGGTCTCAGAAATGGAACCCCGTTG
TACAGGGGTTGGGTGGGGTTGCAGGACTCCACTCACAAGCCTCCTGATGTCAAGGACAG
GCGGACAGGGCTGGCCTCCCCCAGTCCCCAAGCCCCACTGTGCCTTGTGTCTGCTGGG
GGCCATAGCTGGCACTGCCACCGTAAAGGCCCTCGCACATTTTCCCCCTTCTGTACAC
CTCGGGGCCAGCATCCTCACCTTCTTCACTGACCAGTCGTGGTTACTCCCTGCTGCCAG
GTCCTTCCCCTTCCCGGGGTATTCTGTGACCATGAATAAAGTTATCATTCTCAAAAAA
AAAAAAAAA

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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_003083 unedited NGGAGATGCGGTACAGAATTTGTATACGACTCATATAGGCGGCCGCGTAATTCGCACGAG GCTTTCTGAGCGGCATGAAGCCACCTCCCAGCGGCGAGCGGCCCGCGCGCTATCTGGG CGAGGTGACCGGTCCCGCGACCTGGAGCGCTCGCGAGAAGCGGCAGCTAGTGCAGCTCCT GCAGGCGCGGCAGGGCCAGCCGGAGCCGACGCCACCGAGCTGGCCCGGGAGCTGCGGGG CCGGAGCGAGGCTGAGATCCGGGTCTTCTCCAGCAGCTCAAGGGCCGCTAGCCCGGA GGCCATTCAGAAAGTGCATCCGGGTGGCCTTCAGGGACCAAGGCGCCGGGAGGCACAGCC CCCAGCCCCCATAGAGGTCTGGACGGATCTGGCTGAGAAGATAACAGGGCCACTGGAAGA AGCCCTGGCAGTGGCTTTCTCGCAGGTGCTCACCATCGCGGCCACGGAACCGGTACCCCT CCTGCACTCCAAGCCCCCAAGCCACGCAGGCCCGTGGAAAGCCTTTGCTCCTGAGCGC CCCTGGAGGACAGGAAGACCCCGCCCTGAAATACCTAGCTCTGCCCTGCTGCACCTAG CTCCGCACCCAGGACTCCTGACCCTGCCCTGAGAAACCTTCTGAGTCGTGGTGGTCC CTCCACTGAAGAAGACTTTGCTGTGGACTTTGAGAAGATCTACAAGTACTTGCTCCTGT CTCCCGAAGTGGCCGAGCCCCGAGCTCTCAGCAGCTGAGTCCGCTGTGGTCTCGACCT GCTCATGTCACTCCAGAAGAGTGCCACTCCTGCCCTGCACAGCCCTGTTTGAACATAT GACCGGAGACGTAACCTACGCTGACAGCCCCCAGCCCATTCCCGA
Restriction Sites:	Please inquire
ACCN:	NM_003083
Insert Size:	1520 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_003083.1 , NP_003074.1
RefSeq Size:	1514 bp
RefSeq ORF:	1005 bp
Locus ID:	6618
UniProt ID:	Q13487
Cytogenetics:	19p13.2
Protein Families:	Transcription Factors

Gene Summary:

This gene encodes a subunit of the snRNA-activating protein complex which is associated with the TATA box-binding protein. The encoded protein is necessary for RNA polymerase II and III dependent small-nuclear RNA gene transcription. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Nov 2009]

Transcript Variant: This variant (1) represents the longer transcript and encodes the functional protein.