

Product datasheet for MC223126

Snapc4 (BC057031) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Snapc4 (BC057031) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Snapc4
Synonyms:	5730436L13Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC057031 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGTCTACCAGGAGGTGATCCGGGAAAAGCTAGCAGAGGTTAGCCAGTTGCTAGCCCAGAACCAGGAGC
AGCAGGAAGAGATCCTGTTTGTCTGTCTGGAACCAATGCCCAAGGTGAAGGATGGCAGAAGTCTGCC
CTCATACATGTACATAGGCCACTTCTGAAGCCATACTCAAGGACAAGGTTACTGGAGTGGGCCCTCT
GCCAACGAAGAAACACGGGAGAAGGCTACCCAGGGAATCAAGGCCTTTGAACAGCTCTTGGTGACCAAGT
GGAAGCACTGGGAGAAAGCCTTGTCTCAGGAAGTCTGTAGTGAGTGACCGCCTACAACGTCTGCTTACGCC
CAAATTGCTGAAGCTGGAGTACTTACACGAAAAACAGAGCCGAGTCTCCAGTGAGTTGGAAAGGCAGGCC
CTGGAGAAGCAGATTAAGGAAGCAGAGAAGGAGATTTCAGGACATCAACCAGCTCCAGAGGAAGCATTGT
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AGAGGAGATCCGGAAGTTCTGGCAGAGTTCTGAGCATCCAAGCATCAGTAAGCAGGAATGGAGCACAGAA
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TGATCCAGCTAATAGAGAAATATGGTGTGGTCACTGGGCAAGAATCGCTTCTGAATTGCCCATCGGTC
AGGCTCCCAGTGTCTGAGCAAGTGAAGATCTTGGCCAGGAAGAAACAGCATCTGCAGAGGAAGAGAGGG
CAGAGGCCCGTCACAGTAGCCAGTGGAGCTCTAGCGGCAGCAGCAGCAGCAGTGAAGACTACGGCA
GCAGCAGTGGCAGCGACGGCAGCAGCGGAGTAAAACAGATGTGGAGCTGGAGGCGTCTCTGGAGAA
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ACCAGCCAGTCACAGAGAGAAGGGACAGGGTGCTACCCACAACACCCTGCTGTCTCTGCTGCACTCAGG
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 GCCCTATGAGACCCACAGCACTGTTCCAAGAGGAGACCGGTTCTACACTTCTCGGACCCCACTCAGCA
 AGTTTGAAGGATCCGGCTGCAAGAGTCAACACTGATGAAGGAAAGACCGAAGCAGCCACTCCTCCCTA
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 AGACTAAAGCTGACAGCATCCGGATGCAGTTAGAGTGTGCCCGCTGGCCAGCACTCCGGTATTCACACT
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 ACAACACAGGCTGCCTCCAAGCATGACGGGGAAACAACTGCAAAGAGAGCCAGCCACAAGGGCGCCC
 ACGACTGGGGTCAAGGACTGAGGCTACCCCTTCCAAGTCCCTGTAGCAGCCCCACGTGGCCTCCGG
 CCAAAGCCTAAGACTGTTTCTGAGCTGCTTCGGGAGAAGCGGCTCCGTGAGTCCCATGCCAAGAAGGCCA
 CTCAGGCTCTTGGTCTCAACAGCCAGCTGCTGGTCTCCTCACCTGTGATCCTCCAGCCCCCTGCTGCTCC
 AGTCCCCATGGTTCCCCAGTAGTAGGCCCTGCAACGTCCAGTGTAGAACTCTGTACCTGTGGCGCCG
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 CCAACCTACAGACCATTTCCCTAAATCCTCCCCACAAAGGGACCCAGGTTGCAGCCCCTGCTGCTTTAG
 GAGCTAGCCTTAGCCCCGGGCAAGTCCCCACAGGCGGCCATCTGAGTACTTAGGACAGACCTTACC
 ACATCCAGAAGCAGAGCCTGCCAAGGCTCCTGCCATTCTTCGAGCTGCTCCAGCCTCACTCAGCTGT
 CTGTGCAGCCACCAGTAAGTGGACAGCCCTGGCAACCAAGTCCAGCCTGCCTGTCAACTGGGTTCTCAC
 AACTCAGAAGTTGCTCTGTCCAAGTCCAGCTGTGGTGGGCTCCCCAGTCACTGATGACCCCTGAG
 ACCATAGGACTACAAGCAAAACAGCTGCCTTCCCCTGCCAAGACTCCTGCTTTTCTGGAACAGCCTCCAG
 CCAGTACAGACACAGAACCAAGGGACCTCAGGGCCAGGAAATACCACCCACACCTGGGCCGAAAAGGC
 AGCTTTGGACCTAAGTCTCCTTTCCAGGAAAGTGAAGGACCCATCGTCACATGGCTGAAGGGGTGCCAA
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 TGGGGCCCAACCTGATCCCAAGGCTGGAGCCCTACAAGCTTCCCTGGAGCTGGTACAGAGGCAATCCGG
 GACAACCCAGCCTACCTCCTGCTAAAGACGCGTTTCTGGCTATCTTCTCCCTTCTGCATTCTGGCCA
 CTCTGCCCCCAACAGCATCCCCACCACCTGTCACCAGAGCTGGCTGTGGTTTCTGAGAGTGACAGTGA
 AGACCTCGGTGACTTGGAGCTCAAGGATAGGGCTAGACAGTTGGACTGCATGGCCTGCAGAGTGAAGCA
 AGCCCAGCAGCCCAGACCTGTACAGAGAGCTCAAGTCTGGTGAAGTTTCTGCTCCCTCCCCTCTGG
 ATGCTTCTGATGGCCTGATGACCTAACGTGCTCAGGACTCGACGTGCTCGGCATCCCCGAGATAG

AGCGGACCGACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATA
 TCCTGGATTACAAGGATGACGACGATAAGGTTAA

Restriction Sites:

Sgfl-RsrII

ACCN:

BC057031

Insert Size:

3708 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: [BC057031](#), [AAH57031](#)

RefSeq Size: 4473 bp

RefSeq ORF: 3707 bp

Locus ID: 227644

Cytogenetics: 2 A3

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 (By similarity).[UniProtKB/Swiss-Prot Function]