

Product datasheet for **SC112832**

NAP1L2 (NM_021963) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NAP1L2 (NM_021963) Human Untagged Clone
Tag:	Tag Free
Symbol:	NAP1L2
Synonyms:	BPX
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF within SC112832 sequence for NM_021963 edited (data generated by NextGen Sequencing)

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ATGGCCGAGTCAGAGAACCGCAAGGAGCTGTCAGAATCCAGTCAAGAAGAGGCTGGTAAT
CAGATAATGGTGAAGGGCTCGGGGAACATCTGGAGCGCGGTGAAGATGCCGCTGCTGGG
CTTGAGACGATGGGAAGTGGGTGAAGAAGCTGCCGCTGGGCTTGGGGAAGAAGGGGAA
AACGGTGAAGATACTGCTGCTGGGTCCGGGAAGATGGGAAAAAGGTGGCGATACTGAT
GAGGACTCAGAGGCAGACCGTCCAAAAGGACTTATCGGTTATGTTTTAGATACAGACTTT
GTTGAAAGTCTACCTGTGAAAGTTAAGTACCGTGTGTTAGCCCTTAAAAAGCTTCAAAC
AGAGCGGCCAATTTAGAATCCAAATTCCTGAGGGAATTTATGACATTGAAAGAAAGTTT
GCTGAAATGTACCAACCCTTACTGGAAAAAGACGTGAGATCATCAATGCAATCTATGAA
CCTACAGAAGAGGAATGTGAATATAATCAGACTCTGAGGACTGTGATGATGAGGAAATG
TGTCATGAAGAGATGTATGGTAATGAGGAGGTATGGTACATGAATATGTGGATGAGGAC
GATGGTTATGAGGACTATTATTATGATTATGCTGTGGAAGAGGAGGAGGAGGAGGAG
GAGGACGACATTGAGGCTACTGGAGAAGAGAATAAAGAAGAGGAGGATCCTAAGGGAATT
CCTGATTTTTGGCTAACTGTTTTAAAAACGTTGATACACTCACTCCTTTGATTAAAGAA
TATGATGAGCCTATTCTGAAGCTCTGACAGATATTAAAGTTAAGCTTTAGATCCTGGC
GAGCCCTCAGTTTCACACTAGAATTTCACTTCAAACCAATGAATATTTCAAAAATGAG
TTGTTGACAAAGACCTATGTGCTGAAGTCAAAGCTAGCATATTATGATCCCATCCCTAT
AGGGGAAGTGCATTGAGTATTCACAGGCTGTGAGATAGATTGGAATGAAGGAAAGAAT
GTCACTTTGAAACCATCAAGAAGAAACAGAAACATCGGATCTGGGGAACAATCCGAAGT
GTAAGTGAAGATTTTCCCAAGGATTCAATTTTCAATTTTCTCTCCTCATGGAATCACC
TCAATGGAAGGATGGAATATGATGTTTTTACTTGGTCACAATTTACGTACTTACATA
ATTCCAAGATCAGTATTATTTTCTCAGGTGATGCACTGGAATCTCAGCAGGAGGGGTA
GTTAGAGAAGTTAATGATGCAATTTATGACAAAATTTATGATAATTGGATGGCTGCA
ATTGAGGAAGTTAAAGCTTGTGCAAAAACCTTGAGGCATTAGTAGAAGACATTGATCGT
TAG
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Clone variation with respect to NM_021963.3

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_021963 unedited

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ATTTGTAATACGACTCACTTATAGGGCGCCGCGAATTCGCACGAGGATCGGTCAACGCA
GCCGTCGCCGCCCTCTGCACCCAGCCAGGTCGCCACTGCTTCAGTCCGTTCTCAAAGC
CTCAGCACCATCTTTATCCCCGAGCAGCCTGGATCGTCGTTCCCTCAGTCCGGACGCCA
CTGCTAGGTCCGACCACCGCCGCTTCTGATATTTCCGGTGAAGTCTTTTCTGTGGAGGTTT
GGTCTCCCGATCTCTGTGGTAGCCACCTTAGGCGTGTACGGTCTTTGAAAAATGGCCGA
GTCAGAGAACCGCAAGGAGCTGTCAGAATCCAGTCAAGAAGAGGCTGGTAATCAGATAAT
GGTGGAAGGGCTCGGGGAACATCTGGAGCGCGGTGAAGATGCCGCTGCTGGGCTTGGAGA
CGATGGGAAGTGCAGTGAAGAAGCTGCCGCTGGGCTTGGGGAAGAAGGGGAAAACGGTGA
AGATACTGCTGCTGGGTCCGGGAAGATGGGAAAAAGGTGGCGATACTGATGAGGACTC
AGAGGCAGACCGTCCAAAAGGACTTATCGGTTATGTTTTAGATACAGACTTTGTTGAAAG
TCTACCTGTGAAAGTTAAGTACCCGTGTGGTTAGCCCTTAAAAAGCTTCAAACCTAGAGCG
GCCAATTTAGAATCCAAATTCCTGAGGGAATTTATGACATTGAAAGAAAGTTTGCTGAA
ATGTACCAACCCCTTACTGGAAAAAGACGTCAGATCATCAATGGCATCTATGAACCTACAG
AANAGGAATGTGAAATATAATCAGACTCTGAGGACTGTGATGATGAAGAAANTGTGTCAT
GAANAGATGTATGGTATGGAGGGAGGGTATGGTACATGATATAGTGGATGAGGAACGAT
GGNNTATGAGGACTATATTATGATTA
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3' Read Nucleotide Sequence:	>OriGene 3' read for NM_021963 unedited <pre> ACCGCGGCCGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTGAAATTTTATTCTTTT ATTTTGCAGTGAAAGAACACGAAATATCTTTTCAAATGGTAAAGTGATCACTTTCAATG AATGATGTAATAGGAAAAGAGAATTAAACACTGTAATTATGGCTTACACAATTACACAGA ACAATATGTGCAAACTTTTGAAAATACTGTGACTAACACTTCACCGACAAACAATAACCT CAATATAACTAAGTTTCATTATTTATCACAGTTACATAAAATACAAGAGCCTATGAACAA GCTGTTATTAACAATAAATGTAGTTTTGCCTGAAATTTCTATCTATATGCAGGCCTCTTA AGCATCCAAGTTTTAAATTTCTACTGCATTGTTATTGCAAAATGAAGCAGGCACAACAAA TTAAATCCACTAGCTAAAGGACTAAGTAAACAAAAATAGAAAAAGAAAAACAACACAGC GAAAACCTTGGGTTGTTTCCCAAGATTTTTTTTCCAAACAAATATTGATCTCACTTAGC ATTTCTGATCATTTTCATAGCCACAGATTAATAGCTACATGACAAAAAGACTTCAGAAGGA TTAAGCTACACAACACTATACTAGTGTTTTAAATCATTTACCACAGTGACATTTCTTGA AAACATTCTACTACTAAAACCTCAAGGTCAAATTAATTAGTTNTTGAACCTTTCTTATATT TTTGAAACATATGTTTTAACTAACACTACCAGAAAAATACAGAACACAAGGCTTCTTATA CCTTGAGTAACATATCTAGGGCAGNTAATTTTCAGGGCCATGTATACTCTGCTCTACGAT CAATGTCTCTACTATGCCTCAGGTTTTTGCCACAGCTTTAACTTCTCAATGCAGCCTCCA ATATCATAAT </pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_021963
Insert Size:	2500 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:	<u>NM_021963.2</u> , <u>NP_068798.1</u>
RefSeq Size:	2559 bp
RefSeq ORF:	1383 bp
Locus ID:	4674
UniProt ID:	<u>Q9ULW6</u>
Cytogenetics:	Xq13.2
Domains:	NAP

Gene Summary:

The protein encoded by this intronless gene is a member of the nucleosome assembly protein (NAP) family. The encoded protein represents a class of tissue-specific factors that interact with chromatin to regulate neuronal cell proliferation. [provided by RefSeq, Jan 2011]