

## Product datasheet for **SC321331**

### **NAP1L1 (NM\_139207) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	NAP1L1 (NM_139207) Human Untagged Clone
Tag:	Tag Free
Symbol:	NAP1L1
Synonyms:	NAP1; NAP1L; NRP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >OriGene sequence for NM\_139207.1  
 CTCGCGGCGCCGCTCCTGCTCCTCCCGCTGCTGCTGCCGCTGCCGCCCTGAGTCACTGC  
 CTGCGCAGCTCCGGCCGCTGGCTCCCCATACTAGTCGCCGATATTTGGAGTTCTTACAA  
 CATGGCAGACATTGACAACAAAGAACAGTCTGAACTTGATCAAGATTTGGATGATGTTGA  
 AGAAGTAGAAGAAGAGGAAACTGGTGAAGAAACAAACTCAAAGCACGTCACTAACTGT  
 TCAGATGATGCAAAATCCTCAGATTCTTGACGCCCTTCAAGAAAGACTTGATGGTCTGGT  
 AGAAACCAACAGGATACATTGAAAGCCTGCCTAGGGTAGTTAAAAGACGAGTGAATGC  
 TCTCAAAAACCTGCAAGTTAAATGTGCACAGATAGAAGCCAAATTCTATGAGGAAGTTCA  
 TGATCTTGAAAGGAAGTATGCTGTTCTCTATCAGCCTCTATTTGATAAGCGATTTGAAAT  
 TATTAATGCAATTTATGAACCTACGGAAGAAGATGTGAATGGAAACCAGATGAAGAAGA  
 TGAGATTTTCGGAGGAATTGAAAGAAAAGGCCAAGATTGAAGATGAGAAAAAGGATGAAGA  
 AAAAGAAGACCCCAAAGGAATTCCTGAATTTTGGTTAACTGTTTTAAGAATGTTGACTT  
 GCTCAGTGATATGGTTCAGGAACACGATGAACCTATTCTGAAGCACTTGAAGATATTAA  
 AGTGAAGTCTCAGATGCTGGCCAGCCTATGAGTTTTGTCTTAGAATTTCACTTTGAACC  
 CAATGAATATTTTACAAATGAAGTGTGACAAAGACATACAGGATGAGGTGAGAACCAGA  
 TGATTCTGATCCCTTTTCTTTTATGATGGACCAGAAATTATGGGTTGTACAGGGTGCCAGAT  
 AGATTGGAAAAAGGAAAGAATGCACTTTGAAAATATTAAGAAGAAGCAGAAACACAA  
 GGGACGTGGGACAGTTCTGACTGTGACTAAAACAGTTTCCAATGACTCTTTCTTTAACTT  
 TTTTGGCCCTCCTGAAGTTCTGAGAGTGGAGATCTGGATGATGATGCTGAAGCTATCCT  
 TGCTGCAGACTTCGAAATGGTCACTTTTTACGTGAGCGTATAATCCCAAGATCAGTGTT  
 ATATTTTACTGGAGAAGCTATTGAAGATGATGATGATTATGATGAAGAAGGTGAAGA  
 AGCGGATGAGGAAGGGGAAGAAGAAGGAGATGAGGAAAATGATCCAGACTATGACCCAAA  
 GAAGGATCAAAACCCAGCAGAGTGCAAGCAGCAGTGAAGCAGGATGTATGTGGCCTTGAG  
 GATAACCTGCACTGTAATAGCCTAAACACAACCTTATTTACTTACAGCCTTATGTTTTT  
 GTATTTTCTTGGTAGACTAGGTAATTTTTTTTTAAAGGACAGGAACTGATATTTTAAAG  
 ACCAATTTGTTCTACCTAGCATTTTAACTAGTTTTTCTGCCAGCTATGTTGAATGCACAA  
 ATTCTGTCACGCATGTTCACTTCTGCTACATAATTTGGTTCTTCTGGAATATTTTTATG  
 TAGCTCTGGAGTACAGCTATGAAAATTAACAACGTAAAGGAAATACCTTTTTTTTTT  
 TTTTGAATTTTTTCTTGAAGAACCAAGTATTTTTTCACTGGTTGTTGAATAGGGTT  
 AAGTCCGCTTGGATTAGCTGTGCCTTTCATTACTTTGTTACAGAAATGCAGTGACTTATA  
 CTAAGACAATTTATGTTTAAAAAATAATGGCAAGACAATATATGGTTAAGAATTTT  
 CAGTATGACCACACCAATAACTGTTATTAGAGTGTTAATGGATTATTGTGTTTTAGGTG  
 ACATAGTTAACTGTAAAGTAACCTGACTCAGTATAGTTACTGGTACCACAGTGAGGTGAA  
 TAAAACGGGATTTTCAAGATTAGCCTGAATTTAACTGTATTTTTAAATTTAACCTCCAT  
 TAACTAAGCATCTTTCTTTGTGGTAGGGTCTACCTTCTGCTCCCTGGAAAGGATGAAT  
 TTACATCATTTGACAAGCCTATTTCAAGTTATTTGTTGTTTGTGCTTGTGTTTTGTTT  
 TTGCAGCTAAAATAAAAAATTTCAATACAATTTAGTTCTTACAAGATAATGCTTAATT  
 TTGTACCAATTCAGGTAGAAGTAGAGGCCTACCTTGAATTAAGGGTTATACTCAGTTTTT  
 AACACATTGTTGAAGAAAAGGTACCAGCTTTGGAACGAGATGCTATACTAATAAGCAAGT  
 GTAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** Please inquire

**ACCN:** NM\_139207

**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).

<b>OTI Annotation:</b>	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.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_139207.1</a> , <a href="#">NP_631946.1</a>
<b>RefSeq Size:</b>	3582 bp
<b>RefSeq ORF:</b>	1176 bp
<b>Locus ID:</b>	4673
<b>UniProt ID:</b>	<a href="#">P55209</a>
<b>Cytogenetics:</b>	12q21.2
<b>Domains:</b>	NAP
<b>Gene Summary:</b>	<p>This gene encodes a member of the nucleosome assembly protein (NAP) family. This protein participates in DNA replication and may play a role in modulating chromatin formation and contribute to the regulation of cell proliferation. Alternative splicing results in multiple transcript variants encoding different isoforms; however, not all have been fully described. [provided by RefSeq, Apr 2015]</p> <p>Transcript Variant: This variant (1) differs in the 3' UTR compared to variant 2. Variants 1, 2 and 4 encode the same isoform (1).</p>