

## Product datasheet for **SC310447**

### NAP1L1 (NM\_004537) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	NAP1L1 (NM_004537) Human Untagged Clone
Tag:	Tag Free
Symbol:	NAP1L1
Synonyms:	NAP1; NAP1L; NRP
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_004537 edited ATGGCAGACATTGACAACAAAGAACAGTCTGAACTTGATCAAGATTTGGATGATGTTGAA GAAGTAGAAGAAGAGGAAACTGGTGAAGAAACAAACTCAAAGCACGTCAGCTAACTGTT CAGATGATGCAAAATCCTCAGATTCTTGCAGCCCTTCAAGAAAGACTTGATGGTCTGGTA GAAACACCAACAGGATACATTGAAAGCCTGCCTAGGGTAGTTAAAAGACGAGTGAATGCT CTCAAAAACCTGCAAGTTAAATGTGCACAGATAGAAGCCAAATCTATGAGGAAGTTCAT GATCTTGAAGGAAGTATGCTGTTCTCTATCAGCCTCTATTTGATAAGCGATTTGAAATT ATTAATGCAATTTATGAACCTACGGAAGAAGAATGTGAATGGAACCAGATGAAGAAGAT GAGATTTGCGGAGGAATTGAAAGAAAAGGCCAAGATTGAAGATGAGAAAAAGGATGAAGAA AAAGAAGACCCCAAGGAATTCCTGAATTTTGGTTAACTGTTTTAAGAATGTTGACTTG CTCAGTGATATGGTTCAGGAACACGATGAACCTATTCTGAAGCACTTGAAAGATATTTAA GTGAAGTTCTCAGATGCTGGCCAGCCTATGAGTTTTGTCTTAGAATTTCACTTTGAACCC AATGAATATTTTACAAATGAAGTGCTGACAAAGACATACAGGATGAGGTCAGAACCAGAT GATTCTGATCCCTTTTCTTTTGGTGGACAGAAATATGGGTTGTACAGGGTGCCAGATA GATTGGAAAAAGGAAAGATGTCACCTTGGAACTATTAAGAAGAAGCAGAAACACAAG GGACGTGGGACAGTTCGTAAGTGTGACTAAAACAGTTTCCAATGACTCTTTCTTTAACTTT TTTGCCCTCCTGAAGTTCCTGAGAGTGGAGATCTGGATGATGATGCTGAAGCTATCCTT GCTGCAGACTTCGAAATTTGGTCACTTTTTACGTGAGCGTATAATCCCAAGATCAGTGTTA TATTTTACTGGAGAAGCTATTGAAGATGATGATGATTATGATGAAGAAGGTGAAGAA GCGGATGAGGAAGGGGAAGAAGAAGGAGATGAGGAAAATGATCCAGACTATGACCCAAAG AAGGATCAAAACCCAGCAGAGTGAAGCAGCAGTGA
Restriction Sites:	Please inquire
ACCN:	NM_004537
Insert Size:	1200 bp



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<b>OTI Disclaimer:</b>	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_004537.3</a> , <a href="#">NP_004528.1</a>
<b>RefSeq Size:</b>	2908 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 (2) represents the longest transcript and encodes the longer isoform (1). Variants 1, 2 and 4 encode the same isoform (1).</p>