

## Product datasheet for **SC101466**

### **NAP1L5 (AK054689) Human Untagged Clone**

#### Product data:

Product Type:	Expression Plasmids
Product Name:	NAP1L5 (AK054689) Human Untagged Clone
Tag:	Tag Free
Symbol:	NAP1L5
Synonyms:	DRLM
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC101466 sequence for AK054689 edited (data generated by NextGen Sequencing) ATGGCCGACTCGGAAAACCAGGGCCTGCGGAGCCTAGCCAGCGCGGCAGCGGGAG GCAGCGGCAGAGGAGTAATGGCGGAAGCGGTGCGCAGGGTGGAGACTGTGACAGCGCG GCTGGTGACCTGACAGCGCGGCTGGTCAGATGGCTGAGGAGCCCCAGACCCCTGCAGAG AATGCCCCAAAGCCGAAAAATGACTTTATCGAGAGCCTGCCTAATTCGGTGAAATGCCGA GTCCTGGCCCTCAAAAAGCTGCAGAAGCGATGCGATAAGATAGAAGCCAAATTTGATAAG GAATTTTCAGGCTCTGGAAAAAAGTATAATGACATCTATAAGCCCCTACTCGCCAAGATC CAAGAGCTCACCGCGGAGATGGAGGGGTGTGCATGGACCTTGAGGGGGAGGAGGAGGAG GAAGAGGAGTACGAGGATGACGAGGAGGAGGGGAAGACGAGGAGGAGGAGGAGGCTGCC GCAGAGGCTGCCCGGGGGCCAAACATGACGATGCCACGCCGAGATGCCTGATGACGCC AAGAAGTAA  Clone variation with respect to AK054689.1 69 g=>a



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<b>5' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 5' read for AK054689 unedited</p> <pre> NGGTCAAATTTGTATACGACTCTATAGGCGGCCGCGNATTCGGCACGAGGCTCGGGTG CAGGGCTCTGCGGGAGCCCTCTAGACCTCTGCGGCTTCTCCTAACATGGCCGACTC GGAAAACCAGGGGCTGCGGAGCCTAGCCAGGCGGCGCAGCGCGGAGGCAGCGGCAGA GGAGGTAATGGCGGAAGGCGGTGCGCAGGTGGAGACTGTGACAGCGCGGCTGGTGACCC TGACAGCGCGGCTGGTCAGATGGCTGAGGAGCCCCAGACCCCTGCAGAGAATGCCCCAAA GCCGAAAAATGACTTTATCGAGAGCCTGCCTAATTCGGTGAATGCCGAGTCTGGCCCT CAAAAAGCTGCAGAAGCGATGCGATAAGATAGAAGCCAAATTTGATAAGGAATTTAGGC TCTGGAAAAAAGTATAATGACATCTATAAGCCCCTACTCGCAAGATCCAAGAGCTCAC CGGCGAGATGGAGGGTGTGCATGGACCTTGGAGGGGAGGAGAGNNAGAANAGGAGACG AGNATGACGAGGAGAGNNNGAAGACNAGAGAGGAAGNNNGTTGNGNNAAGGCTGCCG GNGGGGGCCAAACATGACGATGCCACGCCGAGATGCCTGATGACGCCAAGAAGTAAGGG GGGCAGAGATGGATGAAGAGAAAGCCACGAAGAAANAGCCTGGNTTTTGTTTTCCAG AATATCGATGGACTTAAAAAGGCTCANGTTTTTGACAAAATACAATGTGAAATTTATT CTGACATTCCTAAATAGATTAATTAAGCAATTAATCCTGGCCAGCTCGATTCAAT TTGACTTTTCATTTGAACATAATAAAATATCAAAAAGTGTAAAGGAAACTGGATTAACC CAAAATATGGTTTCATGGCTCTCTGAGGATGGAAGTTACCAAGGGTGGTAA </pre>
<b>3' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 3' read for AK054689 unedited</p> <pre> CCCCATTGGGGTAATGGCCTATAAACCTTTNGAAAACACCTTTAAGCTTATGTTTCTTTA TTGATCACTGGCTCACACATAATTCAAACCCACACAGAAGCTAAGAGTCTTTACATTAA ATATATTTCTTCTAAAAATCCTTACTGTATGCATCTGCTCCTCAAGCAGTAAAATTTGATT ATGCACCATTTTATAATAAATGCATATTTCTTAGCAAAATAATGAAGGCACAGCTAATAC AAGCAAATTAACCCCTTCTACTTCTGAGCTGGGGTAGGGGCACACACTTGGATTGGT TCTTCAAGTATATATTTTTTCCAAACATTAGCTTCAGTGAAGAGTTCTGATGATTTTAC AGCTACACCCTAAAAGCTACATGACAGAAAAGACGTCAAGGGCGCAAAGTACATAACGCT GGATACACATGCTTTACATAATTTGCTACATTCTACATCTCTTCAAGTAAATTAATTTT CTAAAACGCTAGGTAAAGTGATTAATACTTAAACATATTTGGGGTATTTTTTACGTGTT TGATAATAGACAGTACTAAGAAAACACAAACATGAGATTGTAACATGAATACATATGT TGACAGTATTTTACAGGTTTTACACCCTCCTTCTTGAACCATGTTGTTTCTCTAAATTC AAATACTCAAAACATTTTTCAGAACTTGAATGGCAGTTTTTCTGGCCTTATTAACAGTA GTGTCATGATCTCCATTGCAATCCTTCTCAATGCCATTTCATCTTCTGTGAATGTAAAG CTGATGCTGCGTTAACAAAGCAAAATCTTCAAGAGAACGTTTTTTTTGGTTCTGCCTT CTGCCCCTGCCAAAAGTCATGGTAAGGAAATTTAGAATTCAA </pre>
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	AK054689
<b>Insert Size:</b>	2000 bp
<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>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).

**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:** [AK054689.1](#), [BAB70793.1](#)

**RefSeq Size:** 1912 bp

**RefSeq ORF:** 549 bp

**Locus ID:** 266812

**Cytogenetics:** 4q21-q22

**Gene Summary:** This gene encodes a protein that shares sequence similarity to nucleosome assembly factors, but may be localized to the cytoplasm rather than the nucleus. Expression of this gene is downregulated in hepatocellular carcinomas. This gene is located within a differentially methylated region (DMR) and is imprinted and paternally expressed. There is a related pseudogene on chromosome 4. [provided by RefSeq, Nov 2015]