

## Product datasheet for RN214708

### Nap1l4 (NM\_001012170) Rat Untagged Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: Nap1l4 (NM\_001012170) Rat Untagged Clone  
 Tag: Tag Free  
 Symbol: Nap1l4  
 Mammalian Cell Selection: Neomycin  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 Fully Sequenced ORF: >RN214708 representing NM\_001012170  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGCAGAAAACAGTCTTTCAGATGGAGGCCAGCAGATTCTGTGGAAGCTGCTAAAAATGCCAGTAATA  
 CAGAAAAACTCACAGACCAGGTGATGCAGAACCACAAGTGTGGCAGCTTTCAGGAACGTCTTGACAA  
 CGTCTCTCACACTCCATCTAGTTACATAGAAAACCTTACCTAAAGCTGTCAAAGAAGAATTAATGCTCTG  
 AAGCAGCTCCAGGTGAGGTGTGCGCACATAGAAGCTAAGTCTACGAGGAAGTTCATGACCTGGAGAGCA  
 AGTATGCAGCCTTGTACCAGCCTCTATTTGATAAGAGAAGAGAATTCATCACTGGTGACGTGGAGCCCA  
 AGATGCAGAGTCAGCGTGGCACAGTGAGAATGAGGAGGATGACAAGTTGGCTGGAGATATGAAGAATAAG  
 GTAGTCATAGCTGAGAAAAGCAGCAGCGGTGGAAGAGCTGAACCCCAAAGGCATCCCTGAGTTCTGGT  
 TTACCATCTTCAGAAATGTGGACATGCTTAGCGAACTGGTGCAGGAATATGATGAACCAATCTTGAAACA  
 CCTGCAGGATATTAAGTGAAGTTTTAGACCCTGGACAACCTATGTCTTTGTGCTAGAGTTTCACTTT  
 GAACCCAAAGACTACTTCACCAATCCTGCTGACGAAAACATACAAGATGAAATCAGAGCCAGACAAGG  
 CCGACCTTTTTCTTTCGAAGGTCTGAAATTGTGGACTGTGATGGGTGTACAATAGACTGGAAGAAAGG  
 AAAAAATGTCACAGTCAAAACAATCAAGAAAAACAGAAGCACAAGGGCCGGGCACTGTACGAACCATC  
 ACCAAGCAAGTGCCCAATGAGTCTTCTCAACTTCTTCAGTCCCCTGAAAGCCTCTGGAGATGGAGAAT  
 CTCTGGATGAAGATTCGAATTCACCTTAGCCTCTGACTTTGAAATTGGGCACTTTTTCCGTGAGCGCAT  
 CGTGCCACGGGCTGCTCTACTTCACTGGGGAGGCCATAGAGGATGATGACAATTTTGAAGAAGGCGAG  
 GAAGGTGAAGAGGAGGAATTGGAAGGTGATGAGGAAGGAGAAGATGAGGATGATGCTGATGTTAACCCCA  
 AGAAAAGAACCCATCCAGCCAGCGGAGTGAAGCAGCAGTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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<b>ACCN:</b>	NM_001012170
<b>Insert Size:</b>	1161 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).
<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>	<u><a href="#">NM_001012170.1</a></u> , <u><a href="#">NP_001012170.1</a></u>
<b>RefSeq Size:</b>	2308 bp
<b>RefSeq ORF:</b>	1161 bp
<b>Locus ID:</b>	361684
<b>UniProt ID:</b>	<u><a href="#">Q5U2Z3</a></u>
<b>Cytogenetics:</b>	1q42
<b>Gene Summary:</b>	Acts as histone chaperone in nucleosome assembly.[UniProtKB/Swiss-Prot Function]