

## Product datasheet for **RN202787**

### **Nckap1l (NM\_001108119) Rat Untagged Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Nckap1l (NM\_001108119) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Nckap1l  
**Synonyms:** Hem1  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >RN202787 representing NM\_001108119  
**Red**=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGTCTTTGACCTCTGCTTACCAGCATAAGTTAGCAGAAAAGCTCAGATCCTGAATGACCGGGTCAAG  
GAGTTCTCATTTCGCATGTACAACATCAAGAAGACCTGTTCCAGATCCAAAATCCAAGCCACCTTTCTTACT  
GGAAAAGTCCATGGAATCATGTCTCAAGTACATCAACAAGAAGTTTCCAACATAGATGTCCGAAACAGC  
ACGCAACATTTAGGACCAGTGCATCGTGAAAAAGCTGAGATAATTAGATTTCTCACTAACTACTACCAGT  
CATTTGTGGATGTCATGGAATTCGGGATCATGTATATGAACTTCTCAACACCATCGATGCCTGCCAGTG  
TCATTTTGATATCAATCTCAACTTCGACTTCACTCGGAGCTACCTGGACTTGATTGTGACTTACACCTCA  
GTCATTTTACTCCTGTCACGGATCGAGGACCGCAGGCTACTCATCGGCATGTACAACGTGCCCCATGAGA  
TGCTCCATGGGCACGGCAGCCAGTTTCTCCTCGCCTGGGCCAGATGGTACTAGAATATGACCATCCTCT  
GAAGAAGCTGACAGAAGAATTTGGACCTCACACAAAGGCTGTGAGTGGAGCCCTGCTCTCTGTACTTC  
CTCTTTGTTCCGGAGAACCCAGGAGCTGAGCAGTGGCCAGTCCCAGCTCCTAAGCCTCATCAGCAGCC  
CCCCGGCCATGATTAACCCTGCTAACTCAGACACAATGGCCTGCGAGTATCTGTCTGTGGAAGTATGGA  
GCGATGGATCATAATTGGGTTTCTTCTTTGTCACGGGTGCCTCAACTCCAACAGCCAGTGCCAGAAGCTG  
TGAAGCTGTGTCTGGAGGGTCCCTGTACATCACCTCATCCGGGAAGATGTGCTACAGGTGCACAAGG  
TCACCGAAGACCTGTTACAGCAGTTTAAAAGGTTACAGTAAAGCAGTAGCAGACATCAAGGAGAGCAAGGA  
ACATGCCATTACAACAGTGGCCAGTTTCACTGTCAACGGAGGCAGTTTCTGCGGACAGCTGTGAAGGAG  
TTGGAGACTGTGTTAAATGATGAGCCAGGCTGCTGGGTCTAAGGCCCTTTTGGCTTTCATGGCCCTGT  
CTTTCATTCGTGATGAGGTCACCTGGCTGGTTCGCCATACAGAAAATGTCACCAAGACTAAGACACCCGA  
AGACTATGCTGACTCCATCGCAGAGCTTCTTCTGTTGGAGGAGATCAGGGCTCTGGTCCGAAGACAC  
ATCAAAGTGATCCAGCAGTACCATCTCCAGTACCTGGCCAGATTTGATGTCTCTGCTTAGTGACATCA  
TTCAGAACCTGACTGTGTGTCGGAGGAGGAGTCTGTCATTATGTCCTCTTTGTTAGTACGCTATCCTC  
TCTGAATCTTAAGCAAGTTGATAATGAAGAGAAATTTGACTTTTCTGGATTAAGGCTGGACTGGTTTCGC  
CTACAGGCATATACCAGTGTGGCAAAGGCACCTTTCACCTGCACGAGAACCTGACCTGGCCAAGGTCA



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TGAACCTCATCATCTTTCACTCCCAGATGTTGGACTCAGTAGAGAAAATGCTGGTGGAGACCTCTGACCT  
 TTCTACTTTTCTGCTTTCACCTCCGTACCTTTGAGAAGATGTTTGTCTACGACCCTGGAGGAACCAACCATG  
 CTTTCGCTACACCATCGCCTTCCCCTGATTTGTGCTCATTTTGTCCACTGCATTCATGAAATGTGCCAG  
 AGGAGTACCCTCACCTGAAGAACCATGGTCTTCACCACTGCAACTCCTTCTGGAAGAGCTGGCCAAAGCA  
 GACCAGCAACTGTGTGCTTGAGATATGTGCTGAACAGCGGAACCTGAACGAACAGCTTCTACCCAAACAC  
 TGTGCCACCACCATCAGCAAAGCCAAGAACAGGAAGTCCATGAAGCAGAGGCAAGCTCCCAGGAAAGGAG  
 AGCCTGAGAGGGACAAGCCAGGAGCAGAGGCCACCGAAAGAACCGCAGCCTTGTACGAACATGGACAA  
 GCTACATTTAAACTTGACTGAGTTGGCACTGGCAATGAATCATGTGCACAGTTTCTCTGTGTTGAACAC  
 ACCATCTTCCCATCAGAGTATCTCAGCAGTCACCTGGAGTCCAGGCTCAACAGAGCCATCGTGTCTTTGG  
 CTGGCTACAATGCCACAACCCAGGAGATCCTTAGGCCTTCCGAGCTTTTGGCAGGAGTCAAGGCGTACAC  
 CAGTTTTCATCCAGTCATTGGCACAGTCTTGGGCACAGATGCTTCCAGAATTGTTTCGCAATGCCCTCTG  
 CAGCAGACGCAGCCGCTGGACTCATGTGGCAGCAGACAGTCACCACTCTCTACACAACTGGTACCTAG  
 AAAGTCTACTCAGACAGGCGAGCAGTGAACCATCGTCTCTCTCCAGCCATGCAGGCTTCTATCAGCCT  
 TCCCCGAGATGGGAGCAGAACTCAGTGTGAGGAGTTCTCAGACATCTCTGAGATGCGAGCCTTGGCT  
 GAAATTCTTGGCCCTATGGCATGAAGTCTCTGAGTGAACCTGATGTGGCACGTGACTTCTCAGATTG  
 TGGAGCTGAAGAACTTGTGGTGGAAAACATGGATATCCTGGTTCAGATCAGATCCAACCTCACCAAGCC  
 AGAATTGATGGCATCTCTGCTGCCCCAGCTGACAGGGGCTGAAAATGTGCTAAAACGAATGACCATCATT  
 GGGGTGATTCTCAGTTTTAGGGCCATGGCCCAAGAGGGACTTCAGGAGGTCAACCTGAGTGTCTTTGAGC  
 TGGCGTGTGCTGCAGGGGTGAGCTGTGACATTGACCCGGCCTTGGTGGCTGCCATTGCCAATCTGAAAGC  
 TGATAACTCATCCCCTGAAGAAGAGTACAAGGTGGCGTGCCTACTTTTGATTTTCTCGTGTTCCTC  
 CCCTCCTTGGCACTGACCTTCTTCTTCTTCCAGCATTGAGAAAGATGGCTACAACAACAACATCCACT  
 GTTTGACCAAAGCCATCATCCAGGTGTCTGTGCCCTTTTCACTCTGTACAACAAGAACATGAAACGCA  
 CCTCAAGGAGTTTCTGGTGGTGGCTCTGTGAGCCTTTCGAGCTGGGCCAGGAGACTGACAAGCTCAA  
 ACCAGAAATCGTGAATCCATTTCTCTGCTCATGCGCTTGGTGGTGGAGGAGTCAACCTTCTTGACCTGG  
 ACATGCTGGAGTCTGTTTCCCTTACGTTCTACTACGCAATGCCTATCGGGAGGTTTCCCGGCCTTCTA  
 CCTGAACCGTCTGCCAGCCAGTCCCACTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001108119
- Insert Size:** 3321 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:** [NM\\_001108119.1](#), [NP\\_001101589.1](#)

RefSeq Size: 4623 bp

RefSeq ORF: 3321 bp

Locus ID: 315348

Cytogenetics: 7q36