

Product datasheet for **RN200986**

Dkc1 (NM_133419) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dkc1 (NM_133419) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Dkc1
Synonyms:	Nap57
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN200986 representing NM_133419
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGGACGCGGAAGCCGCATGACGTTCCCGAAGAAGCACAAGAAGAAGAAAGAGCGGAAGCCGCTGC
CGGAAGCTGACGTGGCTGAGATCCAGCACGCGGAAGATTTCTGATCAAACCGGAGTCCAAGGCGGCTCA
GTTGGACACCTCCAGTGGCCCTGCTGCTCAAGAACTTTGACAGACTGAACGTGCGGACGACCCACTAC
ACGCCATCCCGTGGGCTCCAACCCGCTGAAGAGGGAGATCGGGGAGTACGTACGAGACCGGCTTCATCA
ACCTGGACAAGCCATCCAACCCCTCTTCGACGAGGTCGTGGCCTGGATCCGCCGCATCTGCGCGTGGA
GAAGACGGGGCACAGCGGACACTTGACCCCAAGGTCACCGGGTGCCTCATCGTCTGCATCGAGCGCGCC
ACGCGCCTGGTCAAGTACAGCAGAGCGCGGGCAAAGAGTATGTCGGGGTGTGCGGCTGCACAATGCTA
TCGAGGGGACCGCCAGCTCTCCAGGGCCCTGGAGACCCTGACAGGCGCCCTGTTCCAGCGTCCCCCGCT
CATCGCAGCAGTGAAGCGGCAGCTGCGCGTGCACAATCTATGAGAGCCGTGTTGTCGAGTATGACCCCT
GAGCGCAGGCTGGGTGTGTTCTGGGTGAGCTGCGAGGCTGGCACCTACATCCGGACGCTGTGCGTGCACC
TGGGGCTGCTGCTGGGCTCGGGGGCAGATGCAGGAGCTGCGGCGCGTGCCTCGGGGGTGTGGGCGA
GCGGGACCACATGGTGACCATGCACGACGTCCTGGACGCGCAGTATCTATACGACCACCACCGGGACGAG
AGCTACCTGCGCCGCGTGGTTTTCCCACTGGAGAAGCTGCTGACGTCGCACAAGCGCCTGGTGATGAAGG
ACAGTGGGTCACGCCATCTGCTACGGCGGAAGTATGCTCCCGGCCCTCTGCGCTACGAGGACGG
CATCGAGGTCAACCAGGAGTGTGGTTCATCACCACCAAGGGCGAGGCCGTCTGCGTGGCCATCGCACTG
ATGACGACGGCTGTGATCTCCAGTGCACACGGGGTAGTAGCGAAGATCAAGCGGTCATCATGGAGC
GGGACACCTACCCCGCAAGTGGGCTGGGGCCGAAGGCAAGCCAGAAGAAGCAGCTGATCAAGCAGGG
CCTCCTGGACAAACATGGCCGACCCACGGACGGCACCCCGCCTCTGGACGCGGACTACGTGGACTAC
AGTGACTCCAGCAAGAAAGCGACGGCGCCGAAGCCACGCGGGCCCTGGGGTACCGCGGACGCCGCCA
GCATCGTGAAGGAAACGCGATAGCGACGACGCGCGGACGAGGCGACGCCACTACCAGCCCGGGT
GAAGAAGGAGAAGAAGAAGAAAAGGAGAAGGCGGACGGCGGGGAGGAGGCTGCGGAGGACGGGACGGC
GACGCCACAAGGAAGAAAAGAAGAAGGAAGGCAAGGGCGGACAGGAGCTCAGTGGT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_133419

Insert Size: 1530 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_133419.1](#), [NP_596910.1](#)

RefSeq Size: 1803 bp

RefSeq ORF: 1530 bp

Locus ID: 170944

UniProt ID: [P40615](#)

Cytogenetics: Xq37

Gene Summary: nucleolar protein expressed in liver; colocalized with Nopp140 protein; may be involved with rRNA processing [RGD, Feb 2006]