

## Product datasheet for **SC203286**

### NHP2 (NM\_017838) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** NHP2 (NM\_017838) Human 3' UTR Clone  
**Symbol:** NHP2  
**Synonyms:** DKCB2; NHP2P; NOLA2  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pMirTarget (PS100062)  
**ACCN:** NM\_017838  
**Insert Size:** 280 bp  
**Insert Sequence:** >SC203286 3'UTR clone of NM\_017838  
 The sequence shown below is from the reference sequence of NM\_017838. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GAGGTGCAGTCCCTGCCCTACCCCTATGAGGGGCTCCGGTAGCACCTGGGCACCTGCCGCTGGAAGCT
ATTGGGCTGGCAGCAGGACGACTGGCTGTCTCCTGCCCCACCACTGACGGCATCTTCCCAGTTCCC
CAAGGCACGCCTTCTTCCAGGCAGCTTAACAGCCCTTTCATGAAGTAATGCTAGTCTTCTGTCCAT
CAGTGCCATTTCTGTAGAACTAAAGGCTGTTCCAAGAATGTGGGGTGGGAAAGTAAATGCTAAGACT
AAAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
```

**Restriction Sites:** Sgfl-Mlul

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

**Components:** The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

**RefSeq:** [NM\\_017838.4](#)



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**Summary:**

This gene is a member of the H/ACA snoRNPs (small nucleolar ribonucleoproteins) gene family. snoRNPs are involved in various aspects of rRNA processing and modification and have been classified into two families: C/D and H/ACA. The H/ACA snoRNPs also include the DKC1, NOLA1 and NOLA3 proteins. These four H/ACA snoRNP proteins localize to the dense fibrillar components of nucleoli and to coiled (Cajal) bodies in the nucleus. Both 18S rRNA production and rRNA pseudouridylation are impaired if any one of the four proteins is depleted. The four H/ACA snoRNP proteins are also components of the telomerase complex. This gene encodes a protein related to *Saccharomyces cerevisiae* Nhp2p. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2008]

**Locus ID:**

55651

**MW:**

9.7