

## Product datasheet for **SC212817**

### NUP98 (NM\_016320) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** NUP98 (NM\_016320) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** NUP98  
**Synonyms:** ADIR2; NUP96; Nup98-96; NUP196  
**ACCN:** NM\_016320  
**Insert Size:** 1170 bp  
**Insert Sequence:** >SC212817 3'UTR clone of NM\_016320  
 The sequence shown below is from the reference sequence of NM\_016320. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CTGCGGAACTGGCTGTTGGGAGCCTGTGAGCCCCAGGCACCTTGCATCACAGTCACATGCCATTAC
ACCACACAGAGGTTCCCTGCCTTGTGGATTGGCACTGTTGCCATTCTCTGGGTTGGCTGGCCTC
TACCCTCCCTCCCTGCTGCCAGAAGCAGCATCCTCCACTTGTTCAGGGCTTTTCTTAATACTGAAGTA
GCATAAGGGCTTCTGGAACCCAGAAGAGGAGACAGTTTACCATCCTCAAGATCATTCAAGTGTTCCT
TTAAAAAATGGTCAATAAAGCTCCTTTGGCAGAATCCCCAAAGAACCAGGGTATTCTTTTCCATCC
CTAGCCATTCTGGATCTGTGACCCTCCATGCCAACCAGCTTCCCTACTCCTACCCTGGCCCTTTTATA
CTAGGACTCCTTAGGAGGAGTGAGACAGGTGATAATGGATCCTAACAGATGAATATCCACAGAAGGA
AGAGGGATCCGTCTTAAAGTAATTGGTTAGTTAACTGAATTTGGAGGCAAAGGAGGGTTGGCCTG
AGTTAGGAAACAAAATGGGATCTTTCTGACACACTTAGGGCAGAAGTGAATGCCTGTCACGAGGGATT
GATCTTCAGGGCTGTTTTGTTCTGCCTTTAGAGTTCCATGAACACCATACCTTTGCTACTACTATGT
GCAGGAACCTTGGTCACATGTGACATGTCTGTGGGAAGCTCCCAGAGTTTGGTTTGGTCCCTGGTTTT
CAGTCTTGCTGAGACTCTGTCTGGATTTGCCTGCAGAGTTTGGATAAAAAATGGCAGGTTGGGTAACCC
TCCCTGTTTCATCCCATGTTAGCTCCAAAGCATTCCCACCTCCATCTACCCCTCCAGAAGCAAAAAC
AAACCATGACTGAGGCAGGCATGGAGTTGGGCGTTAGGGGCAGGCAGAGGGCCTTTGCTACACTGCTGA
CAGCTATAGGGAGCCCCAGGTAATGGCATGAGATAGCTGGTGTAGGGCTATCTCAGGCAATATGGCCA
CACCTGGTCTTTATGCATGAAGATAATGTAAGGTTTTTATTAATAAATATATATATGTATAAATAA
TGATCTAGATATTTCTCTTTTCTGAAGCTACTTTCTAAAAAATAAATAAATGTTTATAGCA
ACGGGTAAAGCGGCCGCGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
```

**Restriction Sites:** Sgfl-Mlul



[View online »](#)

<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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.
<b>RefSeq:</b>	<a href="#">NM_016320.5</a>
<b>Summary:</b>	Nuclear pore complexes (NPCs) regulate the transport of macromolecules between the nucleus and cytoplasm, and are composed of many polypeptide subunits, many of which belong to the nucleoporin family. This gene belongs to the nucleoporin gene family and encodes a 186 kDa precursor protein that undergoes autoproteolytic cleavage to generate a 98 kDa nucleoporin and 96 kDa nucleoporin. The 98 kDa nucleoporin contains a Gly-Leu-Phe-Gly (GLGF) repeat domain and participates in many cellular processes, including nuclear import, nuclear export, mitotic progression, and regulation of gene expression. The 96 kDa nucleoporin is a scaffold component of the NPC. Proteolytic cleavage is important for targeting of the proteins to the NPC. Translocations between this gene and many other partner genes have been observed in different leukemias. Rearrangements typically result in chimeras with the N-terminal GLGF domain of this gene to the C-terminus of the partner gene. Alternative splicing results in multiple transcript variants encoding different isoforms, at least two of which are proteolytically processed. Some variants lack the region that encodes the 96 kDa nucleoporin. [provided by RefSeq, Feb 2016]
<b>Locus ID:</b>	4928
<b>MW:</b>	43.1