

## Product datasheet for SC209294

### NUP98 (NM\_139131) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	NUP98 (NM_139131) Human 3' UTR Clone
Symbol:	NUP98
Synonyms:	ADIR2; NUP96; Nup98-96; NUP196
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_139131
Insert Size:	1020 bp
Insert Sequence:	>SC209294 3'UTR clone of NM_139131 The sequence shown below is from the reference sequence of NM_139131. The complete sequence of this clone may contain minor differences, such as SNPs. <b>Blue</b> =Stop Codon <b>Red</b> =Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CCACCTCAGGTAGAGAAAAAGGACAGTGAATTTGAATGGAATCCGTGATACCGAAGTTGAAAGCAAGT
CATTCACTAATAACAAAGCTGTTTTATGACCCCTTGGAACTTTGAAGAGTACAAACATTGGCAATCACGT
TGAACAAGTGAAGGGAGGGCGTGAGGTCTTGCAGGCATCTGTCTTTTACTGGAGAGATTTAAAGAA
TTCTCTTGCTGTTTGGATTATTCCTCTACAGATTGTCATTTTTAAACCCTTTGTTCTCTCTCATTGGGA
CTTGCTGAATTCTCTGCTCAGTGATTAAGATTTGCTCATGTGGGTCATGCACAGTAAATCTG
CCTTTATTGACTACCTGATGTGCAGTTTAACTTTTTCTTTACCTCCATGGTTTTTAAAGTTAAATT
AGCTTTCTGAAAGGGTTTTAACTCCATTTTTTAAAGTTGTTTGTCTTATACTTCGGGTAACTTGAT
ATTTGTATTTTAAAGTACATAATCTTTATGAAAAATAGTTTGGGAATGTAATGAATTATTATTGGC
TTGGGGAGATTAGGGCTACATTGTTTATCGCAATTAATTGTATCATTGATACGGGATTTCTTTGTTAAA
GCATCCTCTACCTCTCAGCTGCTGAAAGCTAGACCTTTGGTATTTCCATGCTATAATTCTTATGGCTG
CTGAAATGTGTGGTTTTTATGATTTATTAATAATCTCTTAGGAGGCATTTCTGGAGAATGTGTGTATA
TACATGTTTGCCTGACAGGGGAGGGGATGATAAATGTGGGAACTGGAAATATATTGACTTTT
ATGTTTATAATCTTGGTAGCATTTAGAATGCCCTAAGAAATCTCCATTGACAAATGAAATGCTATAGA
CTTGTTTTCCAGTTATCCATATTCATTTTGTCTGTCATATGCTTTGTATCATCTCCTTCTTTCCTAAT
TTTTTATAACCTTATATATATTTATTATAAATATATGTATTTCTGAGGGAAA
ACGCGTAAGCGGCCGCGGCATCTAGATTGAAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG

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Restriction Sites: Sgfl-MluI



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<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_139131.5</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>	39.5