

Product datasheet for **RN200873**

Nup98 (NM_031074) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nup98 (NM_031074) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Nup98
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN200873 representing NM_031074 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTTTAAACAAATCATTGGAACCCCTTTGGGGTGGTACAGGGGGCTTTGGTACAACGTCAACATTTG
GACAAAATACTGGCTTTGGTACTACTAGTGGAGGAGCATTGGAACATCTGCATTTGGTCTAGCAATAA
TACTGGAGGCTTATTTGGTAATTCACAGACCAACCAGGAGGACTGTTTGGTACCAGTTCATTTAGCCAG
CCAGCAACCTCCACAAGCACTGGTTTTGGGTTTGGCACATCAACAGGAACATCAAATAGTTTGGTAA
CTGCAAATACAGGGACAGTCTTTTCTCATCCCAGAACAATGCATTTGCACAAAATAACCAACTGGATT
TGGGAATTTGGAACAGTACTAGCAGTGGAGGACTCTTTGGAATAACAATACCACCTCTAATCCTTTT
GGTAACACATCTGGCTCCCTCTTTGGGCAAGTAGTTTTACAGCAGCACCTACAGGAACCTACATCAAAT
TTAATCCTCCACTGGTACAGATACTATGGTCAAAGCTGGAGTTAGCACTAACATCAGCACCAAGCATCA
GTGTATTACTGCCATGAAAGAATATGAAAGCAAGTCATTAGAGGAGCTTCGTTTGGAGGACTATCAGGCT
AACCGAAAGGCCACAGAACCAAGTGGGGCAGGTACCACAACCTGGCTTATTTGGTCTTCCAGCGA
CTTCCAGTGCAACAGGACTCTTCAGCTCTCCACCACTAATTCAGCCTTTTCATATGGTCAGAACAAAAC
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GACTTTAGGAACCAATAACAACACTTCCAATTTGGTTTTGGCACAATAACAGTGGGAGTAGTATTTTT
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GAGACTCCCTCTCTCCGGAATCCTATGTCAGATCCTAAGAAGAAAGAAGAGAGACTGAAACCAACCA
TCCAGCAGCTCAGAAAGCTTTACAACCCCTACTCATTATAAACTTACACCTCGCCCTGCCACCAGATC



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AGACCAAAGGCTTTGCAAACAACAGGTACAGCCAAATCACATCTCTTTGATGGGCTGGATGACGATGAAC
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TTGGCTGGGGTCCCAACTGGACTCTGCAATAGTGGAGAACAAGTGCATGGCTCTCATGAACTGGAAAA
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GAGGCTGTCTTACAGTACCTCACGGCAGTAGAATTAGTGGGCTGTTGTCTGGCACAGCAGTCAAGGTG
ATCATCGCCTTGCCTTCTTCTGTCTCAGCTGGTGGGAAGCCAGTCAAGTCCGGGAGCTGCTCACCATGCA
GTTGGCTGATTGGCATCAGCTCCAGGCTGACTCCTTATCCACGATGAGCGGTTGCGCATATTTGCCCTG
TTAGCTGGAAAACCGGTGAGCAGCTCTCAGAACAGAAACAAATCAATGTATGCTCCAGCTAGATTGGA
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GAACAGTGTGAGGGCGTGTACAGGCCAGTTATGCTGGCCAGCTGGAAAGTGAAGGACTCTGGGAGTGGG
CCATCTTTGTCTTTCTGCACATTGACAACCTCAGGCATGCGTGAGAAGGCTGTTGAGAACTGCTGACCCG
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TCTATTTATTTAAAGCTGGTCACTGGAACCGCTGCCACAACTAGTCTGTCGGCACCTAGCTTCTGATGC
CATTATTAATGAGAACTATGACTACCTGAAAGGTTTCTTGAAGATCTGGCACCTCAGAGCGCAGCAGC
CTAATTCAGGACTGGGAAACATCTGGGCTGTTTACTTGGATTACATTGAGTAATTGAAATGCTCCACC
GTATTCAGCAGGTGGATTGCTCAGGCTATGAACTAGAGCACTTACATACCAAAAGTGAATTCAGTGTGAA
CCGGATAGAGCAGATTCCGTGCTACAAAGCCAAGGATCGCTGGCTCAGTCAAGATATGGCCAAGCGGGTA
GCCAACTTACTGCGGGTAGTCTGAGCCTTACGACACTCTGACGCCACCTCCAATCCACTCCCGACC

CTCAGCGAGTCCCTTTGCGTCTTTTGGCTCCCCACATTGGCAGGCTCCCTATGCCTGAGGACTATGCCTT
GGAGGAAGTCCGAGGCCTTACCCAGTCCTACCTTCGAGAAGTACTGACTGTTGGGAGCCAATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_031074
Insert Size:	5451 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:	<ol style="list-style-type: none">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:	<u>NM_031074.2</u> , <u>NP_112336.2</u>
RefSeq Size:	6595 bp
RefSeq ORF:	5451 bp
Locus ID:	81738
UniProt ID:	<u>P49793</u>
Cytogenetics:	1q32
Gene Summary:	nuclear pore complex protein; involved in nuclear pore complex docking and transport [RGD, Feb 2006]