

## Product datasheet for **RN206891**

### **Nup107 (NM\_053830) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Nup107 (NM_053830) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Nup107
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >RN206891 representing NM\_053830  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGACAGGAGTGGCTTCGGGGGAATGTCATCCCCTGTGATCCGAGACCCAGAGTTACGAGGACTGCAC  
 GGAAGCATAGTGCTCACAAAAGAGTTTTAATTCAGGCCAACCAAGATGAAAATTTTGGTACTACTACACC  
 AAGAAGCCAGATTATTCCTCGAACTCCAAGCTCATTTTCGACAACCTTTTACTCCACCAAGCCGAAGTTTA  
 CTAAGACACCCAGATATATCCTACATTTTTGGGACGGAAGGGAGGTCTCCCCGGCATATACAGTCTTCTG  
 GGTATTTGGGAAATCTTCCATGGTGACTAACCTTGATGACAGCAACTGGGCAGCTGCATTCTCATCCCA  
 GCGTTTAGGGTTTACACAAACACGGAGCACCATAGTATGACTGAGGACATAAACCTAAGTACTGTCATG  
 CTACGGGAGGATGACCCTGGAGAGGCTGCATCCATGAGTATGTTCTGTATTTCTGCAGTCTTTCTTGA  
 AGCACTCTTCAACCACAGTCTTTGATCTTGTAGAAGAGTATGAAAATATTTGTGCTAGTCAGGTGAACAT  
 CCTGAGTAAAATCGTGAGCCGAGCAACGCTGGACTGCAGAAGTTCTCCAAGACAGCCAGCATGCTCTGG  
 CTCTCCAGCAGGAGATGGTCACGTGGAGGCTGCCTGCCTCTTTGTATAGAGACAGAATACAGTCTTCAT  
 TAGAAGAGGAAAAATGTTTGCAATTGCTGGTATCAATGCCAGTGAGAAGACGGTTGTGGAGCGCTGTT  
 TCAGAGGGACACGCTGGTCCGACAGAGCCAGTTGGTGGTAGATTGGCTAGAGAGCATTGCCAAAAGATGAA  
 ATTGGAGATTTCTCAGACAATATTGAGTTTTATGCAAAAATCAGTATATTGGGAAAATACACTCCACTCCT  
 TAAACAGCGGCAGCTGCTGTCTTATATAGGAAGTACCCGTCCTCTTGTCACTGAGCTGGACCCAGATGC  
 TCCCATTAGACAGAAAATGCCGCTGGATGATCTGGACAGAGAAGTGAAGTCAGACTGCTGAAGTACCTC  
 TTCCTCTAATCCGTGCTGGGATGACCGAGGACAGAGGCTCTGTAACGGTGGCGCAAGCATGGA  
 GAGCTGCAACCCCTGGAAGGATGGAAGCTGCACCACGACCCCAACGTGAATGGAGGACAGAGCTAGAGCC  
 TGTGCAAGGGAATCCATATAGACGGATCTGGAAGATTAGTTGCTGGAGAATGGCTGAAGATGAACTTTTT  
 AATAAATACGAAAGAGCGATTTATGCAGCACTCAGTGGGAATCTCAAGCAGCTCCTTCCGGTCTGTGACA  
 CCTGGGAAGACACAGTGTGGCCTATTTCCGGGTGATGGTGGACAGCCTGGTGGAGCAGGAGATTGCGAC  
 CTCAGTCATGACCCTAGATGAACTGAGGAGCTCCCTCGGGAGTACATGGAAGCGAATTGGACCTTAGAA  
 AAAGTTTTTGAAGAGCTTCAAGCCACTGATAAGAAGAGAGTTCTGGAAGAGAATCAAGAACATTACCATG  
 TAGTCCAGAAATTCCTTATCCTGGGAGACATTGATGGTTGATGGATGAATTTAGCAAATGGCTGTCCAA  
 GAGCAGAAGCAGTCTACCTGGACACCTCCTCCGTTTTATGACTCACCTCATTCTGTTTTTCCGACCCCTG  
 GGACTGCAGACCAAAGAAGAAGTTCCATTGAAGTTCTAAAGACGTATATACAGTGTAAATCAATGAGA  
 AGCACACAAACCTCATAGCGTTCTATACCTGTCATCTGCCTCAAGACCTTGCGGTTGCCCAATACGCCTT  
 GTTTTTGGAGGGTGTACGGAGTGTGAGCAGCGGCACCAGTGCCTGGAGCTGGCTAAGGAGGCAGATTTG  
 GATGTTGCGACTATAACAAAATGTAGTTGAAAATATTCGGAAGAAAGATAATGGTGAATTCAGTCACC  
 ATGACCTGGCTCCATCCCTGGTACTGCCACTACTGAGGAGGACCGTTTGAAGATCGATGTGATTGACTG  
 GCTGGTGTGTTGACCCAGCGCAGAGAGCCGAAGCCCTGAGACAAGGCAACGCCATCATGAGGAAGTTCTTA  
 GCATTAAGAAACATGAAGCTGCAAAAAGAAGTGTGTTGTGAAAATTCCTCAGGATTCATCGCAGAAATCT  
 ATAATCAGTGGGAGGAGCAAGGCATGGAGAGCCCTCTTCTGCCGAGGATGATAACGCTATCCGAGAGCA  
 CTTGTATCAGAGCTTATCTGGAAGCCCATGAAACCTTCAATGAGTGGTTTAAACATATGAATTCGGCT  
 CCTCAGAAAACCTACACTGCTGTCCAGCGACTTTTACAGAGAAAAGTGGCTCACGAGCACAAAGAAGA  
 AGTACGAGATGGATCATAATATTTGAAAAGGACATTTGGATGCTCTAACTGCTGATGTGAAGGAGAAAAAT  
 GTACAACGCTTATTGTTTGTGATGGAGGATGGATGGTGGATGTGAGAGGACGCTGAGGAAGACCCG  
 GAACGAGCTCATCAGATGGTTTTGCTGAGAAAAGCTCTGTCTCCCCATGCTGTGCTTCTGCTTACACCA  
 TACTGCACAGCACCGGCAATACCAGGAGTGCCTGCAGCTGGCCGACATGGTGTCTCTGAGCGCCACAA  
 GCTCTATCTGGTATTTTCTAAGGAAGAACTAAGGAAACTGCTGCAGAAGTTAAGGGAGTCTCGCTGATG  
 CTCCTAGACCAGGGCTTGACCCGCTCGGCTATGAAATCCAGTCA**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN:	NM_053830
Insert Size:	2778 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"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
RefSeq:	<a href="#">NM_053830.2</a> , <a href="#">NP_446282.2</a>
RefSeq Size:	3101 bp
RefSeq ORF:	2778 bp
Locus ID:	116555
Cytogenetics:	7q22
Gene Summary:	nuclear pore complex protein [RGD, Feb 2006]