

## Product datasheet for **RN202316**

### **Nup62 (NM\_023098) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Nup62 (NM_023098) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Nup62
Synonyms:	Np62
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN202316 representing NM\_023098  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGAGTGGGTTTAACTTTGGAGGCACCGGGCTCTGCTGGCGGCTTTACATTTGGGACCGCAAAGACTG  
 CGACCACCACACCCGCCACTGGCTTTTCCTTCTCTGCTTCTGGCACCGGACCGGAGGGTTAATTTGG  
 GACTCCCTCCCAGCCAGCTGCGACCACCCCTTCCACCAGCCTTCTCTCACTTGCCACACAGACCTCAACC  
 ACACAGACCCCAGGATCAACTTTGGAACAACACCTGCTTCTGGGGGAACAGGCTTCTCCCTGGGGATCA  
 GCACCCCAAAGCTCAGCCTAAGTAGCACAGCCGCACACCAGCCACAGCCAACACTGGCAGCTTTGGGCT  
 TGGCAGCAGTACTTTACCAATGCCATCTCAGGTGCCAGCACCTCCAGCCAGGGGACAGCCCCACTGGC  
 TTTGTCTTTGGCTCTTACCACCTGCTCCGTCACCCGGCACCACGGGATTCTATTACCAGTGGCA  
 GTGCATCCAGCCTGGAGCCTCCGGCTTAACATTGGCTCTGTGGTAGTTTGGCCAGCCACAGCACT  
 GTCTGGCTCTCCCTTCACTCCAGCCACTCTGGCGACAACACAGCCAGGAGCAACACAGCCAGCTGCTGCT  
 ACACCCACTGCTGCCACCACAGTGCAGGGTCTACACTGTTTGCTTCAATAGCTGCTGCTCCTGCCTCAT  
 CCAGTACTACAGTGTCTTCCCTCTCAGTCCAGCGACAACAGCCACTCCTACTGCTGGGACTTTGGG  
 CTTCAGCCTCAAGGCCCTGGAGCAGCTCCTGGTGCCTCCACCACCAGCACCACCCTACTACTACCACC  
 ACCACTACTACTGCCTCCACCTCCTCCTCCACCAGCACCCTGGCTTTGCCTTAAGCCTGAAACCCCTGG  
 TGCCAGCTGGCCCCAGCAGCGTGGCAGCTACTGCTCTGCCTGCCTCCAGCACAGCAGTTGGGACTACGAC  
 GGGTCCAGCAATGACCTACGCGCAGCTGAAAAGCCTGATCAACAAGTGGAGTCTGGAGCTGGAGGACCAG  
 GAGCGGCACTTCTGCAGCAGCCACGCAGGTCAATGCCTGGGACCGCACACTGATTGAGAATGGGAGA  
 AGATCACCAGCCTGCACCGAGAGGTGAAAAGGTGAAGCTGGATCAGAAGCGTCTGGACCAGGAGCTGGA  
 CTTTATCCTGTACAGCAGAAGGAGCTGGAAGACCTTCTGAGCCCGTTAGAGGAGTCACTGAAGGAGCAA  
 AGTGGCACCATCTACCTCAGCATGCTGATGAGGAGCGTGAGAAGACCTACAAGCTGGCTGAGAATCG  
 ATGCTCAGCTCAAGCGCATGGCCAGGACCTCAAGGACATTATTGAGCACCTGAACATGGCTGGTGGCC  
 TGCAGACACCAGTGACCCACTGCAGCAGATCTGCAAGATCCTCAATGCACACATGGACTCCCTTCAGTGG  
 GTGGACCAGAGCTCTGCCCTGCTGCAGAGGAGGTGGAGGAGGCCAGCCGTGTGTGTGAGAGCCGGCGCA  
 AGGAACAGGAACGCAGCCTGCGCATTGCCTTTGACTAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM\_023098
- Insert Size:** 1578 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:**

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:** [NM\\_023098.2](#), [NP\\_075586.1](#)

**RefSeq Size:** 2461 bp

**RefSeq ORF:** 1578 bp

**Locus ID:** 65274

**UniProt ID:** [P17955](#)

**Cytogenetics:** 1q22

**Gene Summary:** component of the nuclear pore complex; may be involved in nuclear pore transport [RGD, Feb 2006]