

## Product datasheet for **RN212404**

### **Cog6 (NM\_001004262) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Cog6 (NM_001004262) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cog6
Synonyms:	MGC94990
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN212404 representing NM\_001004262  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGCTGACACCAGCGGGGAGGTGGCGCGGTCCCCGCCTCGGGGCCGCAATGGCCTCAGCAATGGGG  
 CTGGCGGACCCAGCGCAGCCCAACAACCCGCTGTCGCGCAAGCTGCACAAGATCCTGGAAACGCGGCT  
 TGA AAAATGACAAGGAGATGTTGGAAGCTCTCAAGGCCCTCTCAGCCTTTTTTGTGAAAAAGTTTGGCG  
 ACTCGACGGAATCTACGCGGTGATATTGAACGTAGAAGCTTAGCCATCAATGAGGAATTTGTAAGCATT  
 TCAAAGATGTAAGGAGGAACCTCGAAAGCATCAATGAAGACGTACAAGCAATGAGCAGCTGCTGTCAGGA  
 CATGACAAGCCGCTTACAGGCAGCAAAGGAACAGACTCAAGATTTAATAGTAAAGACCACTAAGCTTCAA  
 GCGGAAAACCAAAGACTAGAAATTAGAGCACAAGTTGCAGATGCCTTTTTATCCAAGTTCAGTTGACTT  
 CTGATGAAATGACTCTCCTCCGAGGTACAAGAGGAGGCCCGTTACTGAGGACTTTTTCAAGGCTTTGGG  
 AAGAGTGAAACAAATTCATAATGACGTCAAAGTTCTTTTGAAGCAACCAAGCAGACGGCAGGTTTGGAG  
 ATTATGGAACAGATGGCCTTGCTTCAAGAACTGCTTATGAAAGACTTTACCGGTGGGCTCAAAGCGAGT  
 GCAGAGCACTGACTCAGGAGTCTGTGATGTGTCTGCGGTGTTAACTCAGGCCATGGAAGCCCTGCAGGA  
 CAGGCCTGCTTTGTACAAGTATACCTTAGATGAATTTGGAACGGCCAGGCGAAGCACTGTGGTTCGTGGG  
 TTTATTGATGCTTTACAAGAGGAGGGCCAGGAGGTACACCTAGACCCATTGAAATGCACTCCCATGACC  
 CGCTGAGGTATGTGGGAGACATGCTGGCCTGGCTCCATCAAGCTACTGCCTTGAGAAGGAACATCTGGA  
 AGCTCTCTTAAAGCATGTAATGCACAGGGTGTAAAGAAAATATTCAAGAAGTTGTTGGGCATATCACC  
 GAGGGTGTGTGCGCCTCTAAAGTTTCAAGTTTGAACAAGTAACTTGTGTAACCTGGGGCAGTGTAT  
 TATAAAAATTTCTAACCTCCTCAAGTTTACCACCATACCATCAGTGGCATTGTTGAAAATAGTGCAGC  
 TACTCTACTGACAACAATTGAAGAAATGCATTGCTAAGCAAAAAAATATTCTTCAGTAGCTTGAGTCTC  
 CATGCGAATAAACTGATGGACAAGATCGAGCTCCACCACTGACCTCGGACCCAGTTCTGCCCTGAGTC  
 AGACCCTCACTTTGCTGCGGGACGTTCTGGCCTCACATGATTCTTCAGTGGTCCCCTTGATGCTCGGCA  
 AGCTGACTTTGTGCAAGTTTTGTGATGTCTGGATCCTCTCCTCCAGATGTGCACAGTGTGAGCCAGC  
 AATTTAGGCACCGCTGACATGGCCACGTTTCATGGTCAATTCAGTGTACATGATGAAGACGACACTGGCTC  
 TGTTTGAATTCACAGACAGGCGCCTGAAAATGCTTCAGTTTCAGATCGAAGCCCATCTGGACACTTTAT  
 CAATGAGCAAGCCTCTTACGTTTTAACTAGAGTGGGCTTGAGTTACATCTACAACACGATACAGCAGCAT  
 AGGCCTGATCAGGGCTCCTTAGCCAGTATGCCAACCTAGATTCTGTGGCGCTGAAGGCTGCAATGGCTC  
 AGTTCGACCGCTACCTCTCAGCCCGAGATCACCTGCTGATGCCACAGCTGAACTCCCTCCTCAGTGCCAC  
 CGTGAAGGAGCAGATTATAAAGCAGTCTACGGAGCTCGTCTGCAGAGCCTACGGGGAGGTGCATGCAGCC  
 GTGATGAATCCAGTCAACCGGTACAAAGACCCGGAGAGCATCCTTACAGGTCACCCGAGCAGGTGAAGA  
 CGCTGCTCTCTGA

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC  
 TGGATTACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-RsrII
- ACCN:** NM\_001004262
- Insert Size:** 1974 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\\_001004262.1](#), [NP\\_001004262.1](#)

**RefSeq Size:** 2177 bp

**RefSeq ORF:** 1974 bp

**Locus ID:** 310411

**UniProt ID:** [Q68FP9](#)

**Cytogenetics:** 2q26

**Gene Summary:** Required for normal Golgi function.[UniProtKB/Swiss-Prot Function]