

## Product datasheet for **MC220023**

### **Cog8 (NM\_139229) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Cog8 (NM_139229) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cog8
Synonyms:	BB235941; C87832
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC220023 representing NM\_139229  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCGGCCGCTCTCCCTCTCCAGCCCTCCACGACCGCTTCGGCCACGACGACAGCCACGGCCGTCGCGC  
 TGGGGGAGGTGGAAGATGAGGGCCTCCTGGCGTCGCTATTCGGGACCGCTTCCCGAAGCTCAGTGGCG  
 TGAGAAGCCCGACGTGGGCCGCTACCTCCGGGAGCTGAGCGGCTCCGGGTGGACCGGCTGCGGCCGAA  
 CCCGAGCGCTTGGCGGAAGAGCGGGCCAGCGGCTGCAGCAGACGCGGACCTGGCTTTCGCCAACTACA  
 AGACGTTCAATCGCGGGCCGAGTGCACCGAGCGCATCCACCGGCTTTCGGCGACGTGGAGGCGTCCCT  
 CGGGCGCTGCTCGACCGTCTGCCCGCTTCCAGCAGAGCTGCAGGAACCTTGTGAAGGAAGCTGAGGAG  
 ATCAGCTCCAGCCGCCGATGAACACGCTGACTCTAACCGGCACACAGAAATCTGGAGATTTAGAGA  
 TACCCAGCTTATGGACACGTGTGCCAAACAGCTATCATGAAGAGGCGCTGGAGCTTGCCGCTATGT  
 ACGGCGACTGAAAGGAAGTACTCTCCATCCCGTTATCCAGGGCATTGTGAATGAAGTGCGCCAGTCC  
 ATGCAGCTGATGCTAAGCCAGCTGATCCAACAACCTGAGGACTAACATCCAGCTCCAGCCTGCCTCCGTG  
 TCATAGGCTATCTTCGGCGCATGGATGTCTTCACTGAGGCTGAGTTGAGGGTGAAATTTCTTCAGGCTCG  
 GGATGCTTGGCTCCGCTCCATCCTGACTGCCATCCCTAATGATGATCCTTACTTCCACATCACAAAACC  
 ATTGAGGCTTGGCGGTCATCTCTTTGATATCATCACCCAGTACCGTGTATTTTCTCAGATGAGGACC  
 CCCTGCTGCCACCTGCCATGGGCGAGTACACTGTGAATGAGGGTGCCATCTTCCATGGATGGGTGCTGCA  
 GAAAATTCACAGTTCCTGCAGGTGCTAGAGACTGACCTTTACCGGGTATAGGAGGCCGCTTGGACTCT  
 CTGCTTGGCCAGTGCATGTACTTTGGGCTGTCTTTAGCCGGTGGGGGCTGATTTCCGCGGCCAGTTGG  
 TCCTGTTTTCCAGAGGGTGGCAATCAGCACTTCCAGAAAGCAGTTGAAGAAGCAGTGGAGAAATTCCA  
 GGATGAAATGACTTCATACACCCTCATCTCGACTGCAGCCATCCTGGGCAGCAGTAACACGCTGCCACA  
 GTACCAGCCACACAACCAGGCACGCTGCAGCCACCGATGGTGCTCTTAGACTTCCCGCTCTTGCCTGTT  
 TCCTCAACAACATTTTGGTTGCTTTCAATGATTTACGTCTCTGTTGCCCTGTGGCTCTAGCACAGGATGT  
 GACTGGGACCTTGGAAAATGCCCTTACCAAGGTAACCAAAAACAATTCTGGCATTCCATCGAGCCGAAGAG  
 GCTGTGTTACGACGTGGGAGCATGAGATCTTTGTCCAGTTCTGCACTGCCTTCTGGAAGACCTTGTTCC  
 CTTATTTGAACCGCTGTCTTCAAGTCTTTTCCACCAGCTCAGATAGCCAGACTTTAGGCATTTACC  
 CACCCAGCTCTAAGCACGGAACCTTGACACGTGAACATCAGCGCCATCCAGGAACCTCTCGCCTTT  
 ATTTTGCCTAAGAGAGAAACAGTTTCTGTTTAGATGAGCAGGAGCTGGGGCCGACCTCGTGGCCCGAG  
 CTCCAGAGCTCCCTGCGGAGCAGCGGAGCATGGAGCCTGTAAACAGAGAAGAGGGAACAGGGGAGCCGCT  
 GCCTCAGGAGCCCATGGAGGGGAGCCGCTGCCAGCCAGCCACCGAGTGAGGGAGGAGCCATAGGCAGT  
 GTCCTGTCGCCGACGCTGGGGAGCAGCC**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-MluI

**ACCN:** NM\_139229

**Insert Size:** 1923 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\\_139229.4](#), [NP\\_631975.3](#)

**RefSeq Size:** 2134 bp

**RefSeq ORF:** 1923 bp

**Locus ID:** 97484

**UniProt ID:** [Q9JJA2](#)

**Cytogenetics:** 8 D3

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