

Product datasheet for **RN206056**

Cog8 (NM_001106182) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cog8 (NM_001106182) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cog8
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN206056 representing NM_001106182
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCAGCTGCTCTGTCTCTCCAGCCCTCCACGACAGCTTCTGCCACGACAACAGCCACAGCAGCTGCGC
 TGGGGAGGTGGAAGATGAAGGACTCCTGGCGTCGCTATTCCGCGACCGCTTCCCTGAGGCCAATGGCG
 TGAAAAACCCGACGTGGGCCGCTACCTCCGGGAGCTGAGCGGCTCCGGGTGGACCGGCTGCGTCGCGAA
 CCGGAGCGCTGGCGGAGGAGCGGGCCAGCTGCTGCAGCAGACGCGGGACCTGGCCTTCGCAATTACA
 AGACGTTCAATCGCGGTGCGGAATGCACCGAGCGCATAACCGTCTCTTTGGAGACGTGGAGGCGTCCCT
 CGGGCACCTGCTCGACCGTTTACCCAGCTTCCAGCAGAGCTGCAGGAACCTCGTGAAGGAAGCTGAGGAG
 ATCAGCTCCAACCGCCGGATGAATACCCGACTCTAAATCGGCACACGGAATCCTGGAGATTTAGAGA
 TCCCCAGCTTATGGACACCTGTGTCGAAACAGCTATTATGAAGAGGCACTGGAGCTTGCAGCCTATGT
 ACGGCGACTGAAAGGAAATACTCTCCATCCCTGTTATCCAGGGCATTGTGAATGAAGTTCGCCAGTCC
 ATGCAGCTGATGCTAAGCCAGCTGATCCAACAGCTGAGGACCAGCATCCAGCTCCAGCCTGCCTGCGTG
 TCATTGGCTATCTTCGACGCATGGATGTCTTCACTGAGGCTGAGTTGAGGGTGAAATTTCTTCAGCCCCG
 GGACGCTTGGCTTCGCTCCATCCTGACTGCCATCCCGAATGATGATCCTTACTTCCATATCACAAGACT
 ATTGAGGCTTGGCGGTCCATCTCTTTGATATCATCACACAGTACCGTCCATCTTCTCAGATGAGGACC
 CCCTGCTGCCACCTGCCATGGGCCAGTACACTGTGAATGAGGGTGCCATCTTCCATGGATGGGTGTTACA
 GAAAATTCACAGTTCCTGCAGGTGCTGGAGACCGACCTTACCGGGTATAGGTGGCCCGCTGGACTCT
 CTGCTTGGACAGTGCATGTACTTTGGGCTGTCTTTAGCCGGTGGGGGCTGATTTCCGTGGCCAGTTGG
 CTCCTGTTTTCCAGAGGGTGGCAATCAATACTTTCCAGAAAGCAGTTGAAGAAGCTGGGAAATCCA
 GGATGAGATGACTTCATACACCCTCATCTCAGCTGCAGCCATCCTGGGCAGCAGCAACATGCCTGCTGCA
 GTGCCAGCCACACAGCCAGGACGCTGCAGCCACCAATGGTGCTTTAGACTTCCACCTCTCGCCTGCT
 TCCTCAACAACATTTTGGTTGCTTTCAATGATTTACGTCTCTGTTGCCCTGTGGCCCTAGCACAGGATGT
 AACTGGGGCCTTGGAGGACGCCCTTATGAAGGTAACCAAAACAATCCTAGCATTCCATCGTGAGAAGAG
 GCTGTGTTAGCAGTGGGAGCATGAGATCTTTGTCCAGTTCTGCACTGCCTTCTGGAAGACCTTGTTT
 CTTATTTGAACCGCTGTCTTCAAGTCTTTTCCACCAGCTCAGATAGCCAGACTTTAGGCATTTACC
 CACCCAGCTCTCAAGCACGAAACCTTGACATGTGAATATCAGCGCCATCCAGGAACCTCTCGCCTTT
 ATCTTGCCTAAGAGAGAGGCAGTTTTCTGTTTAGATGACCAGGAGCTAGTGCCGGACCTCGTGGCCCCAG
 CTCCAGAGCTTCTGCGGAGCAGCGCAGCTGGAGCCTATTGCTTACGCGACCCTCGAGAGCGGGTCA
 GAAGGGAGAATCAGGGGAACCGCTGCCTCAGGAGCCCGTGGAGGGGGAGCCGCTGCCGGCCGAGCCACC
 AGTGAGGAGCC**ATAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_001106182

Insert Size: 1905 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_001106182.2](#), [NP_001099652.1](#)

RefSeq Size: 2099 bp

RefSeq ORF: 1905 bp

Locus ID: 291990

Cytogenetics: 19q12