

Product datasheet for **RN209291**

Cog7 (NM_001033889) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cog7 (NM_001033889) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cog7
Synonyms:	MGC124861
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN209291 representing NM_001033889
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGACTTCTCCAAGTTCCTGGCCGATGACTTCGACGTGAAGGACTGGATCAATGCGGCCTTCAGAGCCG
 GCCCTAAAGACGGGGCGGCGGGGAAGGCGGACGCCACGCAGCCACCCTGGTGATGAAGCTGCAGTTGTT
 CATCCAGGAGGTGAACCACGCCGTGGAGGAAACAAGTCTCCAAGCCCTCAGAACATGCCAAAAGTGCTC
 CGTGATGTGGAAGCCCTGAAGCAGGAGGCGTCTTTCTGAAAGAACAATGATTCTGTCAAAGAGGACA
 TTAATAATTTGAGCAGGATACTTACAGTCCATGCAGGTAAGTGGTAGAGATTGACCAGGTGAAGTCCAG
 GATGCAGCTTGTGCAGAATCTTTCAGGAAGTGACAAGTGGAGCACGCTGAGTGTGATATTGAGGAG
 ACCTTCAAACCGAAGACATAGCTGTGATCTCTGCAAAGCTGACTGGTATGCAGAGCAGCTTGATGATGC
 TTGTGGATACCCAGACTACTCAGAAAAGTGGTGCACCTGGAGGCTCTGAAGAACAGACTGGAGGCCCT
 GGCCAGCCCCAGATTGTAGCAGCGTTCACCTCTCAGTCCGTGGATCAGTCTAAAGTATTCTGTAAGGTG
 TTAAGTAAATCGACCGGATGCCCCAGCTCTTGCACTACTACAAGTGCACAAGGTGCAGCTTTTAG
 CAACCTGGCAAGAGCTGTGTGAGAGGGACCTTCCACTGGACCGGAGCTCACTGGCCTCTACCATGCCTT
 GCTTGGGGCATGGCACACGCAAACCCAGTGGGCCACACAGGTTTTCAAGAACCCCTATGAGGTGGTGACA
 GTGCTGTGATTAGACCCCTGGGGGCTTGGTGCCTCCCTGCCTATGTGCCTCAGTGGGCTGTGGAGA
 GAGCGGGACAGAGCTGGAGCTCACCAGACTACTGGAGTTTTATGACACTACTGCCACTTTGCCAAGGG
 GCTGGAATGGGCTGCTCCCCATCTCCAGGACCACAACCTGGTGAAGTTGTTGAGCTGGTGGATGCT
 GTATATGGTCCGTATAAACCTACCAGTGAAGTACGGTATCTGGAGGAGAGCAACCTTCTCATACAA
 TCAGCGCGGTGCCTCTGGAACACGGGGAAGTATTGACTGCGTTGAGGAGCTGAGCCAATCTGTGCACAA
 GCTCTTTGGCTTGGCATCTGCAGCTGTTGACAGATGTGCCAAATTCACCAATGGCCTTGGGACCTGTGGA
 CTGCTGACAGCCTGAAGTCCCTCTTTACCAAGTATGTGTCTCACTTACCAATGCTCTCCAGTCCATCC
 GAAAGAAGTGCAAGCTGGATGATTTCTCCCACTCCCTGTTCCAGGAGGATTGGACCGCTTTTCAGAA
 CTCTGTGAGGATCATAGCCACCTGTGGAGAGCTTTCGCGCCAGTGTGGGACTTTGAGCAGCAGCTGGCA
 AACAGGATCCTGTCCACAGCAGGGAAGTATTTGTCTGACTCCTACAGCCCTCGGAGCCTGGCAGGTTTTT
 AGGACAGCATCTTACAGACAAGAAGAGCCCTGCCAAGAACCATGGCAGGAATAAATTACCTCCAGAA
 AGATAACCCTGTGAATATGCCAATTAATGGAATACTTTATACCCTCAAGGAGAAGGGGTCCAGTAAC
 CATAACCTGCTGTCTGTCTCGCACAGCCCTGACCCGGTGAACCAGCAGGCCACCAGCTGGCTTTTCG
 ACTCAGTCTTCTGCGCATCAAACAGCAGCTGCTGCTCGTCTCCAGGATGGATAGCTGGAACACAGCTGG
 CATTGGCGAAACCTGACAGACGATCTGCCTGCCTTCAGCCTCACACCTCTTGAGTACATCAGCAACATT
 GGGCAGTACATCATGTCCCTGCCCTGAATCTTGAGCCATTTGTGACTCAAGAGGACTCTGCATTAGAGT
 TGGCCTTACATGTGGGAAGCTGCCATTCCTCCTGAGCAAGGGGAAGAACTTCTGAGTTGGACAACAT
 GGCTGACAACCTGGCTGGGCTCTATAGCTAGAGCCACCATGCAGACCTATTGTGATGGGATCCTCCAGATC
 CCAGCGGTGACCCCGCATCCACCAAGCAGCTGGCTACAGACATCGACTATCTGATCAATGTGATGGACG
 CACTGGGCTGCAGCCATCACGCACCCTCAGAACATTGCGACTCTTGAAGGCCAAGCCCGAGGAGTA
 TAGACAAGTCAGCAAAGGCTTCCACGCCGCTCGCAGCCACAGTGGCCACCATGCGTGGTGTGAATTAT
 TGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001033889
Insert Size: 2313 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">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_001033889.1 , NP_001029061.1
RefSeq Size:	2908 bp
RefSeq ORF:	2313 bp
Locus ID:	293456
UniProt ID:	Q3T1G7
Cytogenetics:	1q36
Gene Summary:	Required for normal Golgi function.[UniProtKB/Swiss-Prot Function]