

Product datasheet for **MC221967**

Cog5 (NM_001163126) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cog5 (NM_001163126) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cog5
Synonyms:	5430405C01Rik; C87247; D18362; GOLTC1; GTC90
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC221967 representing NM_001163126
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAAGGTGGAGACAGCACAAATTTCCGTAGCAGGCCGTGGGGCTTCGGTTCCGCAGTAGTGGCGCGA
 CCGTGCAGGCGATCCTGCAGGACGACTGTTATAGTGAATTTTAAATGAAGACTTTGATGTAAAACTTA
 CACTTCCCAATCTATTCAAGCTGTAATTGCTGAGCAACTAGCAAACTTGCCCAAGGGATCAGTCAG
 CTGGATAAAGAACTACACCTACAGGTTGTTGCAAGACATGAAGATTTATTGGCACAAGCAACTGGGATTG
 AGTCTTTGGAAGGTGTTCTTCAGATGATGCAGACGAGAATTGGAGCTCTACAGGGAGCTGTTGATAGGAT
 GAAATCAAAGATTGTTGAACCATACAATAAAATAGTAGCCGTAAGTGCACAAGCAAGACTTCAGGTT
 GCCTGTGATTTGCTTCGGAGAATAATTCGCATCTTATATCTCAGTAAGAGGCTCCAGGGACAAGTCAAG
 GAGGGAGTAGAGAGATAACAAAAGCTGCTCAGAGTCTCAATGAAGTTGATTATCTTTCTCAAGGAATAGA
 TCTTTCTGGAATAGAAGTAATAGAGAATGATCTACTCTTTATTGCAAGAGCTCGACTTGAAGTGGAAAAC
 CAAGCTAAGCGTCTGCTGGAGCAAGGTGTGGAGACCCAGAATCCAAGTCAAGGTTGGAACAGCTCTTCAGG
 TTTTCCATAACCTCGGGACTTTGAAGGAGACTGTTACCAAGTGTCTGGATGGCTATTGTGCTGCTTTGGA
 AGACAGCATCAACAATGCATTGGACGTCAAAGTTTGAAGTCAAGCTTCCAGTCAAGTGTGCGAGGAGGC
 CCTGGGCGAGCCGCGATGCCAAGTCCAGGAAGCACAGCAGGTTTTCGGGCTTCCCTCTGGACCAATATGG
 AAAAACTTATGGATCACATCTGTGCTGCTTGTGGACAGGTACAACATCTACAAAAAGTATTAACCAAGAA
 GAGAGATCCTGTTTCTCACATTTGTTTCATTGAAGAAATAATTAAGGATGGACAGCCTGAAATTTTATAC
 ATGTTTTGGAATGCAGTCACCTGGCAGTTTCTTCTCACTTTTATTGCAAGCAAACTCTTCTATGTTTT
 TGAAGCAAGCATTGGAAGGTGAATACCTAAACTCTTACGTCTTTATAATGACTTATGGAAGCGTCTTCA
 GCAGTCCAGCCAGAATAACCCAGGGGACTTTCAGTCCAAGTGGGACTCCTGACCTCTGTGTGGACCTCCCA
 CACATGGAAGACGACACACAAGCATGTTCAAGTGAAGAGGCCAGATTATGATCCAGAAAAGGCTTTGA
 AAGATTCACTGCAACCATATGAGGCTGCTTATCTCTCAAATCCCTATCACGCCTCTTCGATCCCATCAA
 CTTGGTTTTCTCCGGGAGGACGTAATCCTCCTCTCTGATGAGCTCGATGGAATCACTAAGACTATA
 ACAAGTGAAGTCAATGTAGTGTGTTGATGCAAACTCACATTAGCTGTGTCAAAAAATGTGGCAAGA
 CCATCCAGTTATATGCTGTGAAATCAGAACAGCTTCTCTCACTCAAGGAGATGCAAGCCAGGTGATTGG
 ACCTCTCACGGAAGGACAGAAGAGAAATGTGGGTGTGGTGAAGTCCCTGTTTAAGCTGCACCAAGTCAAGT
 ACAAGGTTGTTGCCAGTCAGAGCTCATTCTCAGCAACAGCCGAGCAACCATAAATGTGAGCCCTAAAGA
 CAATTCAGATCTTATGGGGAATGCCATACAGCCCTTGCTGACGTCAGTGGCAGATGCGATCGAGGCCAT
 AATCATACCATGCATCAGGAAGATTTTCTGGGGCATCAAGCAGCTCAGGAAAACTGATGTTCTCTGT
 TCCCTGTACATGAAAGAGCTACAAGGTTTCATTGCCAGAGTTATGAATGACTACTTTAAACACTTTGAAT
 GCTTGGATTTTGTGTTTGAACAACACTGAAGCTATTGCCAAAGAGCCATTGAAGTCTTTATCCGCAATGC
 CAGTCTCATAAGACCTCTTGGTGAAGGTGGGAACTGCGACTTGCTGCTGATTTTGACAGATGGAGTTG
 GCTGTGGGCCCCCTTTCAGGCGAGTGTGCGATCTGGGAAAGTCTATCGGATGCTGAGGTCAATTTAGGC
 CCCTGCTCTTCCAGACAAGTGAACATGTGGCCGACAGCCCGCAGTGGGAGACATTATACCATTCAGCAT
 CATCATTCAGTTTCTGTTCAAGAGCACCAGCTGAGCTGAAATCCCCCTTCCAGAGGGCAGAATGGTCT
 CATGCTCGCTTCTCCAGTGGCTGGATGATCACCCATCTGAAAAGGACAGGCTGCTCCTCCTCAGGGGAG
 CCCTGGAAGCTTATGTTCAAGTCAAGTGAAGAGCAGGACGGTAAAGAAATTTGCACCAAGTTTATCCATTAT
 GGTTCAAGTCTTCAAAGGCTATGCTGCTCTTCAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACC�: NM_001163126

Insert Size: 2490 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_001163126.1, NP_001156598.1</u>
RefSeq Size:	2997 bp
RefSeq ORF:	2490 bp
Locus ID:	238123
UniProt ID:	<u>Q8C0L8</u>
Cytogenetics:	12 A2-A3
Gene Summary:	Required for normal Golgi function.[UniProtKB/Swiss-Prot Function]